VRM Portal Changelog 2015-01-01 to 2024-12-31

2024-12-30

- Preferences: Added an option to set “Auto” as the preferred first day of the week.

2024-12-20

- Settings: Fix bug where users were unable to add tags to an installation

2024-12-18

- Dashboard: Fix tank names not being displayed as intended.
- Dashboard: Show EVCS tile when the EVCS Position is set to value 2: AC Input 2.
- Dashboard: Fix bug where “Input Current Limit” shows off by one error.
- Dashboard: Add y-axis information to DESS graph.
- Dashboard Control Panel: When inverter mode is 'external control', hide the battery SoC slider from the control panel.
- Groups: Allow any user part of a group to access the group, but not edit it.
- Installation Overview Report: Allow receiving the report as JSON & improve request body clarity.
- Site Share: Fix error access while opening multiple site share link.
- Installation Overview: Make installation overview code for generator status use gRc, which has venus logic added to it, instead of gaRc.
- Admin: Fix issue where numbers would get truncated in installation search exports.
- Admin: Put the loading spinner on top of the table(s) to better indicate when the table starts/stops loading.
- Demo / Site Share: Fixed specific widgets not getting data from api.
- Backend: Refactor deleting (vebus) devices, deleting alarms and transferring installations
- Installation Overview: Improve database compatibility in the alarm statuses query
- VictronConnect: Fix database incompatibility when retrieving VictronConnect installations

2024-12-13

- GPS Download: Require start & end time parameters, add ratelimiting.
- Teams & Installation Groups: Validate invitation messages are not longer than 255 characters before sending.
- Installation Overview: Fix overview not loading properly for users with many installations when using new database infrastructure.
- Performance: remove event listeners when you navigating away from a page.

2024-12-11

- Enhanced Search: If the input is empty when the modal closes, clear the search filter.
- Enhanced Search: When the user searches for email domain show the correct highlight.
- Enhanced Search: Search automatically after you stop typing.
- DESS: Hide the price formula when a provider is linked directly.
- Datepicker: Consider user preferred start day of the week when picking “This week” and “Last week” date range.
- Teams: Fixed renaming team resetting venus-grafana button display state.
- Dashboard: Fixed data point that appeared after refreshing the cards values for cards that don't have realtime update.
- Notifications: Fixed web push notifications.

2024-12-05

- Realtime: Improve performance for sites with Realtime connection.
- Enhanced search: Improve the highlighting when an email is searched.

2024-12-04

- Dashboard: Fixed stacking tooltip values.
- Device list: Improved device list and other pages site name wrapping too soon.
- Teams: As a user to a team, I shouldn't see directions to actions I am not allowed to do.
- Advanced: Only show advanced widgets for the devices currently in the device list.

2024-12-03

- Device List: Improve database load by the rewriting the `/system-overview` query
- Internal: Add URL parameteres for demo links.

2024-11-29

- Dashboard: New design of banner to advertise new features with. Only shown on mobile and desktop, not in tablet view

2024-11-28

- Firmware files upload: Limit maximum number of firmware file chunks in flight to prevent GX device from becoming overloaded.
- Storage: Use S3 to store image uploads, so that images work regardless of where they were uploaded from (beta/production).

2024-11-27

- Dashboard: Show the parallel layout (with AC Loads and Critical loads) instead of the Hub one when there is a Grid meter in the system. This solves the complain of not seeing Critical loads.
- Dashboard controls: Show one card for controlling all the RS units in a system. Previously, each

unit was shown separately. This is collectively called AC System now.
- Dashboard controls: Add Input current limit control, ESS, DESS for RS Systems.
- Dashboard controls: Show the Active SOC limit when the ESS Mode is Optimized with BatteryLife.
- Dashboard details: Show details in the AC Inputs (Grid/Shore/Generator) section, even when a grid meter is not present; these measurements come from the Multi RS/HS19 (AC System).
- Preferences: Remove 'Auto' from the dropdown for setting the start of the week.
- Custom date range: Alert when date/time entered isn't valid (“from” date/time is after “to” date/time).
- Registration: Make country and city registration fields optional.
- Advanced: On BMS History widgets, time since last charge is now displayed in days and hours instead of hours.

2024-11-22

- Advanced: Add AC Meter Summary, AC Meter Energy Summary, AC Meter Voltage and Current, AC Meter Combined widgets for the AC Meter role of energy meters.
- Advanced: Add PV Inverter Summary and PV Inverter Energy Summary for the PV Inverter role of the energy meter.

2024-11-20

- Enhanced search: Only show search results above a specific threshold ranking score
- Device list: Hide serial number row when serial is unknown
- DESS: Be able to hide the 'Dynamic ESS - no data available' box on the dashboard
- DESS: See costs and earnings for a specific day
- Event log: Add event logging when a report is downloaded
- General: Open navigation menu by default after login on mobile and tablet
- General: Changed “Geofence” alarm message to “Site located outside geofence“
- Groups: Allow a team to manage an installation group
- Settings: Fix “undefined” shown in the initials for some invited users
- Admin: In user details table, show if a user is technician on a site

2024-11-15

- Translations: Update translations
- Installation overview: Add support for partial search

2024-11-14

- DESS: Do not require the toggle for the controls to be turned on before starting the configuration.
- DESS: Make it more clear that settings are stored, also when you leave the configuration mid-way.
- DESS: Fix DESS graph values halved for installations with half hour prices.
- DESS: If the price has more than 2 decimals available, show the 3rd and 4th decimal in the tooltip on the price graph.

- DESS: Validate Octopus API credentials before saving.
- Device list: Show the VRM connection data attribute in the device list for gateways.
- Installation overview: Added Filter bar.
- Installation overview: Implemented an enhanced search that allows finding a site by mail address, username or more.
- Dashboard: Format values according to the new guidelines.
- Dashboard: Prevent console errors on the installation dashboard if specific tank/temperature sensor data is missing.
- Dashboard: Implemented a new banner to advertise new released features, shown on mobile.
- Remote Console: GUI-v2 fix for virtual keyboard on android.
- Alarm Rules: Show custom name of devices in the alarm rules.

2024-11-13

- Demo mode: Allow for opening the Remote console.

2024-11-12

- Remote Console: Fix for remote console not opening in some specific cases

2024-11-06

- DESS: Added PVPC prices for Spain
- DESS: Changes in UK contracts are picked up the following day
- Advanced/Device list : Removed tags from Advanced and Device List pages
- Device list: Make the naming for tanks and sensors more consistent across the device list and alarms
- Event logs: Failed firmware updates now also log the error code
- Event logs: R&D engineers name (and email) is masked as “Victron Support Staff”
- General: Improve dashboard performance for users with large number of sites
- General: Be able to more easily store preferences on site and user level
- Teams: Fixed bug when adding multiple members to team
- Installations map: Change map popup scrollbar to lightmode
- Alarm Rules: Fixed temperature icon position
- Dashboard: Fix Pdc to show as bar instead of line in installation graph
- Settings: As a user of a site, I should not see who is in the linked teams and installation groups
- Settings: Add unlinking installation group
- Settings: Make read-only field look like read-only field
- Login: Change way used 2FA tokens are stored
- API: Catch & inform users about malformed JSON bodies
- Navbar: Remove unnecessary data from navbar endpoint to improve speed
- Replace GX: Improved the search performance of replace gx dropdown
- Installation overview: The overview now shows an indication when filtering the installations list and an easy way to clear any filters

2024-10-25

- Advanced: Show battery cell id for BMS widgets showing minimum and maximum voltage and temperature.
- Event logs: An event is logged whenever remote console v2 is accessed.
- Remote console: When remote console v2 is open, stop updating VRM in the background to save on load.
- Remote console: Sped up opening time of remote console v2 by preloading the WASM file.

2024-10-24

- Notifications: Fix users not being able to change email notification settings.
- Remote Console: For sites that support it, show a choice modal to choose between opening the classic remote console or the new UI remote console (v2).

2024-10-22

- Security: Update packages

2024-10-22

- Controls: Remove the “Something went wrong” message for adjusting controls.
- Database: Set SQL_MODE to a more strict setting.

2024-10-18

- Solar Irradiance: Increase maximum amount of datapoints stored in the database.
- Dashboard: Fix input current limit being offset by 1 A.

2024-10-17

- Improve overall performance by reworking the listing of sites in the menu bar.

2024-10-16

- Languages: update translations

2024-10-15

- General: fix navbar not loading fully for users with many installations
- General: improve page load speed when navigating to an installation

2024-10-11

- Dashboard: Fix insufficient rights toaster

2024-10-09

- (Reverted) Dashboard: Fix input current limit summing irrelevant data, causing an off-by-one error
- Dashboard: Improve the UI of the DESS mother graph, so it is easier to interpret (part 2)
- Advanced: Improve the UI of the create/edit custom widget page
- Advanced: Fixed custom widget y-scale doesn't save properly on creation
- Event log: Fixed tag logs, logging more events than actual on update
- API: Prepare for new widgets & update tracking of data attributes

2024-10-02

- General: Fix navigation menu sometimes only showing “dashboard” and “advanced”

2024-10-02

- Settings: Added option to reset solar forecasts
- Dashboard: Hide tank and temperature values when older than 24h
- Dashboard: Improve the UI of the DESS mother graph, so it is easier to interpret
- Advanced: Add new color to custom widgets
- Advanced: Fixed widget showing data of another widget when quickly switching widgets on/off
- Location settings: Add back the possibility to move the location pin by clicking on the map
- General: New api endpoint to make the navigation menu faster
- General: Navigation menu visual/UX improvements
- General: On mobile, the installation's name at the top is now clickable and goes the dashboard
- VRM Demo : Added a banner to the navbar indicating that a user is in demo mode

2024-09-25

- Custom widgets: Fix icon for 'System' attributes
- Teams: Show team admins directly on the page, instead of hidden in a modal
- Installation Users: Users are now sorted alphabetically
- VRM Updates: Remove green “Your page was reloaded because a new version of the VRM portal was available” toaster
- Admin: Remove the duplicate admin diagnostics page in favour of the installation diagnostics page
- Login: Fix language always being set to English after using the demo account
- Dynamic ESS: Make sure users can continue with the form after changing bidding zone

2024-09-18

- Accesstokens: Stop storing JWT data unnecessarily when using accesstokens for authentication
- Dynamic ESS: Allow users to toggle if their Octopus Energy prices are including VAT

2024-09-17

- Dashboard: Fix graphs getting cropped and zoom issue on smaller devices.
- GUI-v2: Hide GUI-v2 menu entry when Two-way communication is Off or use the VRM Portal Mode is Off.
- Dynamic ESS: Add Octopus Energy as an energy provider for United Kingdom.
- Installation groups: Add Technician role for teams and installation groups.
- Installation groups: Make it clear which users have access to a site through an installation group.
- Economic report: Allow downloading the report in CSV, in addition to XLSX.
- Custom widgets: Connect the dots for DESS Scheduled SoC data points in a line.
- Fix missing translations for the error modals of reset password and registration flows.

2024-09-12

- Dashboard: Fix EVCS summary blocks staying visible when EVCS graph is not selected anymore.

2024-09-11

- Advanced: Add new widget types for Energy Meter: Grid Meter Summary, Grid Meter Energy Summary, Grid Meter Voltage and Current, Grid Meter Combined, PV Inverter Voltage and Current, PV Inverter Combined.

2024-09-10

- Installations overview: Improve performance by incrementally loading the installations list.
- Installations overview: Show all tank levels in installations overview map tooltip.
- Advanced: Fix wrong color for some widgets in the “Total” tooltip item.
- Dashboard: Add a datepicker for the DESS graphs
- Device controls: Add solar and wind priority. Read more on that here
- Dashboard: Fix access to `/dynamic-ess-settings` endpoint for siteshare users
- Dynamic ESS: Improve consumption forecast, prevent peaks to have too much influence on minimum/maximum consumption levels
- Dashboard: Prevent calling `/cache-location` twice on dashboard load to reduce unnecessary load
- Dashboard: Change how the total forecasted solar and consumption is calculated in cards under the

system overview chart.

2024-09-06

- Teams: Allow creating a team with users without specifying their names.

2024-09-03

- Advanced: SoC graphs now have the y-axis go from 0 to 100 by default
- Replaced Google Maps with Mapbox implementation

2024-08-30

- Installation overview: Add new filter options to the installation overview map based on the installation status
- Installation overview: Long names have '...' at the end so it doesn't overflow
- Installation overview: Faster load time
- Dashboard: Installation graph legends are now persisted throughout devices
- Dashboard: Only show DESS related alarms when DESS is (still) enabled on an installation
- DESS: Be able to change DESS settings so that when prices are negative, they are counted as 0
- Application: Prepare for new (authenticated) Redis instance

2024-08-26

- Firmware update: Prevent empty error modal from showing after updating firmware.

2024-08-23

- Installations overview: Fixed all downloads for users that have above a certain amount of sites.

2024-08-20

- Installations overview: When downloading the production report, only include the installations filtered on in the overview.
- Dynamic ESS: Switch order of dashboard tabs to most used first.
- Event log: Log “generator reset interval” event to the site's event log.
- Screensaver: Fix recognising special characters, removing conflict with screenshot on Windows shortcuts.
- Dynamic ESS: Fix configuration wizard showing error when toggling Dynamic ESS off without configuring it.
- Dynamic ESS: Fix configuration wizard not accepting comma as a decimal separator on Step 2.
- Advanced: Fix tooltip color for the Total not matching the legend color.

2024-08-17

- Dashboard: fix forecasted battery disappears from installation graph.

2024-08-15

- Replace GX: allow searching for replacement sites.

2024-08-15

- Alarms: fix validation issue causing users to not be able to edit alarm rules.

2024-08-14

- Event log: Fix empty language updates.
- Event log: Fix storing a settings update entry when opening the Advanced page.

2024-08-13

- Installation overview: Show alarms in map tooltips.
- Installation overview: Tag filter condition changed from union to intersection (e.g. sites with a certain tag and active alarms)
- Dashboard: Improve contrast for icons and units.
- General: Redirect users with one installation to dashboard after login.
- Advanced: Fix race condition in loading 3 phase widgets.
- GUI-v2: Reuse the same instance of the application for the same site every time it's open, fixing iOS crashing.
- GUI-v2: Fix bug where after opening gui-v2 copying, pasting and cutting would not work in VRM.

2024-08-09

- Add installation: re-direct user to installation when the identifier is already linked to the account.

2024-08-06

- Dashboard: Remove tags from a site when deleting or unlinking the team or installation group.
- API Docs: Add short explanation on how ratelimiting works.
- Internal: Added E2E tests for Dashboard Controls.
- Update translations

2024-07-30

- Dashboard: Rename EV Charging station to EVCS to make it more concise and consistent with the other UIs.
- Dashboard: Remove EVCS Power detail since it's already displayed at the top of the tile.
- Diagnostics: Remove query limit. Previously limited to 1000 rows.
- Installation overview: Add support for touch interactions to the mini graphs
- Alarm log: Add pagination. Previously limited to 1000 rows
- Firmware update: Fix ID parsing logic resulting in UI issue
- Device List: Fix table overlapping the title of the page on loading
- API: Unify data type of idDataAttribute
- Internal API: Add endpoint for running (specific) MQTT commands from the API
- Venus Security 2024: Add Readonly mode for Realtime communication. Replace usage of `vl`

and `tw` with `vrm` attributes.

2024-07-26

- Add Installation: fix bug where installation name wouldn't be applied
- Add Installation: re-apply URL parameters, making it easier to add an installation from e.g. VictronConnect
- Add Installation: redirect to the newly connected installation after successful connection

2024-07-24

- Installation Overview: Option to download .xlsx with all columns, or mimic the UI selected columns
- Groups/Teams: Now able to set admins on a group/team, and change who is owner of the group/team
- Dashboard: Fix for showing minimal dashboard layout when there is only a grid meter
- Device List: New Battery icons
- Advanced: New Battery icons
- Advanced: Fix widgets positioning logic

2024-07-16

- DESS: fix issues with energy provider form
- Dashboard: Pv Inverter line connected to the multi in detail mode
- Installations Overview: Fixed installation name header column doesn't follow you on mobile

2024-07-09

- Dashboard: Show minimal layout when the only configured devices are: Gateway, Grid meter, AC meter
- Dashboard: Fix AC input total not showing
- Dashboard: Fix EVCS showing incorrect device status

2024-07-06

- Advanced: Add Multi-RS Battery Voltage and Current widget

2024-07-05

- General: Added a summer theme
- Display preferences: Added an option to disable custom VRM themes if the default look is preferred.

2024-07-04

- Advanced: Fix the AC In and AC Out charts now showing correctly when data is only present for one of the phases.

2024-07-03

- Device list: Add battery connection information, battery manufacturer and battery family as rows in the table, when known.
- Device list & Advanced: Add support for Parallel battery system

2024-07-02

- Nav bar: Fixed bug where language option in preferences would not get highlighted when selected
- All Pages: Make headers (title and banners) look consistent in all the pages
- Installation overview: Fixed bug where the alarm icon was missing in specific situations
- General settings / Add installation - Improved add/replace GX device flow
- Dashboard: Fixed dashboard flicker for the affected sites

2024-07-01

- Dashboard: Fix broken dashboard for specific custom device names

2024-06-27

- Internals: Allow technicians to use remote console
- Device List: Allow technicians to use Remote VEConfigure and Firmware Update

2024-06-26

- Admin: Installation search results can be exported to an .xlsx file
- Admin: Number of installations that match data attribute search displayed
- Dashboard: Redesign, and styling improvements, minor bug fixes
- Device list & Advanced: Add generic generator icon
- Internals: change MQTT propagation

2024-06-24

- Victron Connect via VRM: Fix realtime updates in Victron Connect for the technician role.

2024-06-18

- Device list: Add EVCS Control Panel button for remotely accessing the EVCS settings.

- Firmware updates: Remove the ID column.
- Alarm rules: Set value limit validation to alarm time.
- Installation overview: Show tooltips in the installation overview minigraphs to clarify their meaning.
- Installation overview: Plot Max load values for the Load charts.
- What's new: improve legibility of text in dark mode

2024-06-17

- DESS: Fix formatting on battery form page

2024-06-14

- API: Fix error on dashboard endpoint when simplified and no data available

2024-06-12

- Advanced: fix invisible dots for specific data attributes used in custom widgets
- What's New (changelog): improve legibility in dark mode
- DESS: allow partial updates to DESS settings & slightly improve error handling
- DESS: remove the limit of 10 for the battery cycle cost input for currencies other than euro
- DESS: Allow support of half hour prices when using fixed price scheduling
- Advanced: fix issue where advanced widgets would not load when the site is accessed as site share without logging in
- Device list: fix fuel cell icons not showing
- Settings Users: Change full control slider for users directly assigned to an installation into dropdown, with 3 options: Admin (full control), Read only (not full control), Technician (new)
- Advanced: For custom widgets with Solar Forecast series, show data in kWh instead of Wh
- DESS: now supports 30 min slots for fixed prices

2024-06-11

- Device list & Advanced: New fuel cell icon.
- Dashboard: Consistently format decimals for both negative and positive values.

2024-06-06

- Languages: add support for the Czech language.

2024-06-05

- Remote console 2: Finalise aspect ratio and cross for specific devices. Refactor and fix rotation issue on chrome for remote console.
- Remote console 2: Fix the issue where the native keyboard would never show up on Android

2024-05-31

- Dashboard: bugfix: Charts on a shared site are now visible again on dashboard and advanced

2024-05-30

- Advanced: Copy Layout Field is now clickable in the whole input text
- Dashboard: Show consumption and battery forecast when available
- Bug fix: Groups name cannot be blank anymore
- Navbar: Use DEA attribute for DESS capability
- Alarms: Improve validation clarity + behaviour on non-chromium browsers in modify/create alarms
- Add icons for Cerbo-S GX and Cerbo GX MK2
- Admin: Added sticky headers to attributes table
- Improvement: Correct keyboard pops up on mobile when logging in, entering numbers, etc.

2024-05-27

- Installations overview: Added a new map that provides fleet managers with more information about the status of their installations at a glance.

2024-05-21

- GUI V2: Aspect ratio of remote console 2 adjusted and cosmetic changes for mobile devices
- Economic reports: now possible to use in calculation to-grid slider that simulates energy sold to grid
- DESS: Move “Start Configuration” to the top of the page
- Installations Overview, Tags, Dashboard, Advanced: Make big tags fit the screen

2024-05-16

- Navbar: Update the link to the Manual
- What's New: minor styling changes
- Dashboard and Advanced: Rework of the date picker including many bug fixes and a small visual update
- DESS formula: Now possible to copy and paste pricing formula. Also possible to use ctrl+v
- Installation Overview Data XLSX Download: Add generator runtime till service

2024-05-14

- Settings: Location; added 'confirm reset' modal when resetting the installation location

2024-05-10

- Advanced: (Restricted) admins can create custom widgets to troubleshoot problems

- Alarms: Fix 'notify after time' field in float alarms on PUT update

2024-05-07

- Firmware upgrade: Adjusted the table styling for updatable devices
- E-Mails: Don't show a “personal message” block if it was left empty
- DESS Settings: Add Green Mode
- DESS Prices: Monitor missing price data + increase timeouts
- DESS: Turn off and don't schedule DESS for sites that are not DESS capable
- DESS: On mobile, when selecting an hour from the static price ranges for sell and buy prices, the hour picker stays inside of screen
- Alarms page: Fix PUT updates (except 'notify after time' field, work in progress)

2024-05-03

- Dashboard: Cap the target SoC line of Dynamic ESS to 100%.

2024-05-02

- Dashboard: Fetch latest widget data when tab becomes active after more than 30 minutes of inactivity.
- Dashboard: Show forecast warning when the location changes more than 10 km
- Advanced: Bugfix - keep high granularity in 'System' widgets after adding Solar Irradiance widget
- Tables in Firebox: Removed scroll when not necessary

2024-04-25

- DESS: Remove check for specific Venus OS verions
- Setup DESS: Improve the margins of the buttons
- Installations Overview: Add temperature column
- Dynamic ESS: Disallow max (dis)charge limits to be zero to prevent mathematical issues

2024-04-11

- Installation overview: Update xls to reflect the installation overview page

2024-04-09

- General: Update the node.js version to 18
- Proxy relay: Update error text, let users know they should have remote support running
- Login: Improve validation + internals
- Installation Settings: Max character limit for installation name
- Dashboard Controls: Delete the [i] tooltip on active SOC limit

2024-04-04

- Dashboard: Fix, show distinct graphs for EVCS(s) on input and output side of multi
- Alarms: Change communication monitoring alarm to be more descriptive (vrm stopped logging)
- Data Download: Improve the speed of data export feature
- Installation users, groups and teams: Fix 'Full Control' setting not toggling upon click

2024-04-03

- Installation overview: Fix map info window bug on cluster click
- Installation overview: Increase map performance for large number of installations when zoomed in
- General: Navbar bug fix
- Dashboard - EVCS historical graph
- DESS - Fix negative values appearing in the graph
- Users: Improve the empty states of the table
- Teams: Improve the empty states of the table
- Installation Groups: Improve the empty states of the table
- Dashboard: Only show Forecast for the Consumption and Solar when checking dates in the Future
- Advanced: Cancel requests when leaving advanced page

2024-03-28

- Update mechanism: Fix edge cases of the update mechanism: do not refresh when the VNC Remote console is open.
- Translations: Add more translation keys for field like “Type here..”, etc.
- Installation overview: Add 2 new column,Running since and Runtime until service.
- Installation overview: Sort the tanks by type.
- Installation overview: Add two warnings: Tank is low and Runtime until service.

2024-03-27

- Android and iOS: there is now a new status widget with chart ranges and the old version as an alternative
- iOS: inform the user when the widget cannot be edited if there is no internet or the user is logged out
- DESS: Show negative value for energy price when below 0 in the Schedule → Energy prices graph

2024-03-21

- DESS: Set battery capacity before turning DESS On

2024-03-20

- Release Dynamic ESS (DESS)
- Remote Console: On mobile, make the “Rotate your screen” text more readable in dark mode.

2024-03-19

- Two-Factor Authentication: Ability to copy the TOTP secret.
- Tags: Fix in mobile view that the tags don't overflow.
- Advanced: Disable/Enable all widgets in Gateway including System Overview.
- Advanced: Disable the option to enable/disable all widgets while in search mode.
- Advanced: Improve cloning of widgets from one installation to another, no longer dependent on matching device instance.
- Advanced: Cloning custom widget also clones y-axis settings.

2024-03-16

- Device controls: Fixed a loading issue for generator controls.

2024-03-14

- Installation overview: Add tanks and temperature sensor data to the xls export
- Emails: Add missing translations for emails that did not have it before.
- Device controls: Added new controls for generator run time until service.

2024-03-13

- General: Fixed multiple bugs with the banners in VRM: banner covering page elements, banners not closing, banner closing button not being clickable. Also made the button area bigger to make closing easier on mobile devices
- Installations overview: Prevent the “Add” button on the installation overview page from overlapping with title text

2024-03-07

- Device list & Advanced: Add All-in-1 device icon.
- Users: Make it possible to remove/unlink any team as an installation owner.
- GUI-V2: Add compileStreaming and fix bug that did not display state in the loader for a brief moment

2024-03-04

- Add menu entry for the new Remote Console (GUI-v2) for users running the Venus OS BETA version.

2024-02-26

- iOS: added option to choose graph range between 'today', 'tomorrow' and 'week' in the large status widget.

2024-02-23

- Login: Prevent unnecessary scrolling.

2024-02-22

- Add error codes to all error messages displayed in the red banners.
- Firmware update: Fix GX version warning

2024-02-21

- Advanced: Add total charged energy to EV charger summary widget
- General: Add delete feature for old VEBus connected devices

2024-02-20

- Dashboard: Translate solarcharger state.
- Controls: Add “Passthrough” mode for MultiRS.
- Site settings: Fix currency styling.
- Internals: Fix translation fallback when translation is not defined in a nested structure.

2024-02-15

- Settings/Users: Added Admin column to Groups and Teams
- Advanced: “Show Range Values” keeps it's status after refresh.

2024-02-14

- Advanced: Fix the bug where tooltips left a scroll on the page.
- Advanced: Make synchronized tooltips work consistently.

2024-02-13

- Advanced: Add new Alternator widgets for usage in combination with Orion XS.
- General: Admins must have 2FA enabled to use the VRM platform.
- General: Prevent disabled buttons from changing the size.
- Venus OS Large, Reporting, Recurring Reports, and Report Templates: Added titles to the pages

2024-02-12

- Dashboard: Add custom name for each individual tracker of devices with multiple trackers. This currently includes Multi-RS, Inverter-RS and MPPT-RS.
- Installation overview: Downloadable reports now include “Service interval (hours)”, “Service warning”, “Runtime until service (hours)”
- Venus OS Large: Add card for the new Node-RED Dashboard v2.

2024-02-09

- Advanced: Add new DC-DC Converter widgets for Orion XS.
- Advanced: Allow users to disable all widgets easily.
- Advanced: Doubled the maximum number of enabled widgets.
- API: Update allowed origins in CORS settings.
- Device list: Added ‘Position’ data attribute to EV Charging Station.

2024-02-05

- Dashboard: Fixed graph breaking on missing data
- General: Improved API field validation error messages

2024-02-02

- Device list: Show and explain 'last updated' time for VE.Bus serial numbers.

2024-02-01

- Device list: Add Mopeka wireless tank sensor.
- Firmware updates: Fix update status modal not closing.

2024-01-31

- Advanced: Data downloads that have an interval greater than 4 hours will be sent by email and not downloaded in the browser
- Device list: Add serial number for DC-DC converters.

2024-01-30

- Advanced: Send email to user to notify when a data download fails
- Device list & Advanced: Add Orion XS icons
- Photos: Don’t stretch the image to the full width of the modal, make the image in modal fit the screen when possible

2024-01-23

- Installation: Add the option to set the currency for your installation
- Firmware updates: Add support for updating Multis and Quattros with dissimilar firmware
- Show a request timeout message when a request times out.

2024-01-22

- Advanced: Fixed state widgets not showing tooltip on hover

2024-01-19

- Dashboard: Fixed installation data graph's time range when the installation has a different timezone from your device.
- Dashboard: Fixed AC inputs being disconnected for no clear reason in the installation overview.
- Dashboard: Fixed installation data error messages when switching to a future time range.

2024-01-16

- General: Fixed navigation bar issue on extra wide devices
- Advanced: Display Wh datapoints as barcharts instead of invisible dots

2024-01-15

- Internal: Changed MQTT subscription model
- Dashboard: Fixed energy flows being bugged when EVs are charging
- Login: Auto-fill the 2FA token when entered
- Accesstokens: Automatically delete old, unused VictronConnect tokens

2024-01-11

- Admin: Make installations overview page faster

2024-01-09

- Admin: Start grafana instance for user instead of installation

2024-01-05

- Internal: Automatically delete outdated access requests to installations

2024-01-02

- Advanced: Last seen in the Widgets dropdown gets periodically updated
- Profile: Require two factor authentication for changing email

2023-12-31

- Event log: Show at what time, for what device and by whom the alarm was cleared.

2023-12-28

- Dashboard: Fix graph today timeframe timezone issues

2023-12-27

- Profile: Send a confirmation email when email address changes
- Add module-level alarms for CAN-BMS batteries.

2023-12-21

- Happy holidays from the VRM team!

2023-12-19

- Dashboard: Fix loading controls

2023-12-18

- Advanced: Fix bug causing widgets to be missing
- MQTT: Use suppress republished option for keepalives

2023-12-09

- Internal: Added testing for access tokens.

2023-12-07

- Admin: Added support for partial search in device lookup

2023-12-05

- IOS: Fixed minor visual issue of extra space in the header
- Internal: Add performance monitoring to the frontend.
- Dashboard: Add “Now” indicator to live feed graph.
- API: Prevent the verification of passwords that are too long to save API resources.

2023-11-30

- Installation: Improve performance of installation pages by removing unnecessary network traffic
- API: Improve security on device information

2023-11-29

- Device list: Added last updated for outdated devices on VE-bus with their type of device

2023-11-28

- General: Added pipeline commands for VRM version. VRM version info displayed in navbar
- Attributes: Added installations attribute button.

2023-11-27

- Advanced: Fixed tap target size for the download report dropdown menu.
- Alarm logs: Fixed tap target size for the alarm logs dropdown menus.
- General: Close dropdown menus when interacting with other elements on the page.

2023-11-21

- Dashboard: Fixed tooltip error when hovering on installation data graph
- POEditor: Pulled translations

2023-11-20

- Advanced: Add warning that changes to widgets will not be permanent when using search mode
- Dashboard: Removed yellow line from the installation data graph
- Dashboard: Added modal explaining the meaning of 'Passthru'

2023-11-14

- Settings: Fixed geofence reset button.
- General: Fixed regression bugs introduced in 2023-11-13 changes related to firmware, remote and node red pages
- Advanced: Fixed visibility issues for the Remote VEConfigure widget

2023-11-13

- Sidebar: Fix bug where user has to scroll top in order to see installations
- General: Check user access settings before serving a page to them and take actions accordingly
- Nodered: Improvements related to the SignalK and Nodered proxy regarding user access and installation capabilities

- Nodered: Display nodered in the navigation only if the user has access to it
- Dashboard: Activate forecast when user clicks on a quickrange in the future
- General: Updated table styling
- Dashboard: Fixed AC Input value having a different value from console for some installations

2023-11-09

- General: Fix deleting user account linked to installations
- General: Fixes to prevent anchor duplication in URLs
- Advanced: Improve the time of the first load of widgets
- Dashboard: Custom device names are now shown in alarm warnings on the red banner

2023-11-08

- Android and iOS: Fixed file download.

2023-11-07

- Notes: Updated notes feature. Fixed headings that were broken and upgraded to new version.

2023-11-03

- Dashboard: Fixed bug causing battery temperature to appear in Celsius for Fahrenheit users

2023-11-01

- Advanced: Fixed legend items alignment of custom widgets

2023-10-31

- Advanced: Fixed the maximum battery percentage for the SOC to 100

2023-10-30

- Advanced: Fixed bug causing difficulties with highlighting the widgets on mobile devices after dragging

2023-10-29

- Dashboard: Fixed bug causing map to be missing from the dashboard weather card
- GX replacement: Get more meaningful errors when a GX replacement fails together with restricting the number of replacements to one.

2023-10-24

- All Pages: Fixed bug in search dropdown component that duplicated values aswell as in some dashboards.
- Installation settings: Better description for reset of Auth Tokens and timestamps information included.

2023-10-23

- Advanced: Added feature that allows non-admin users to edit widgets on advanced page non-persistently.
- Dashboard: Improved availability of the weather information.
- Dashboard: Fixed old forecasts showing after location change.
- Dashboard: Fixed dashboard details not showing when readings are 0 Watts

2023-10-19

- Dashboard: Fixed flicker of forecast and total bars when changing between time ranges.

2023-10-19

- GX replacement: Fixed issue causing error to show when the operation succeeded.

2023-10-18

- Push notifications: Changed the push notifications provider.
- Graphs: Set maximum zoom limit to one data point.
- Advanced: Fixed attributes in custom widgets to be displayed in the correct order.

2023-10-18

- Dashboard: Add consumption forecasting.
- Dashboard: Add padding between columns in the installation overview charts.
- Dashboard: Improve the visualisation of forecasted values and totals.

2023-10-17

- Device list: Add distinct icon for the EVCS NS.
- Admin: Temporarily removed control color versions from the navigation bar.

2023-10-16

- Dashboard: Add warnings about forecasted data accuracy.

2023-10-11

- Dashboard Controls: ESS control has a new battery-shaped slider with an improved design.
- Advanced: Fix temperature widgets not showing chart data sometimes.
- Internal: Make the banner showing info and alert messages appear and disappear without reloading the page.

2023-10-09

- Advanced: Fixed legend overflowing when 6 attributes are used for custom widgets.
- Device list: Update Victron Energy Meter icon.

2023-10-03

- Device list: Don't show “unknown” as a value if the VRM instance is 0.
- Advanced: Improved widget grid mechanics on both desktop and mobile devices.
- Advanced: Remove unnecessary widget scrollbar.
- Advanced: Add spacing between custom widget graph and the edge of the widget.
- Advanced: Better contrast in widget colors.

2023-10-02

- Advanced: Added 6th parameter for custom widgets.
- Device list: Add serial numbers for AC Loads and Grid meters.
- Device list: Add icon for the Victron Energy meter.

2023-09-27

- Controls: Bring back the Active SOC Limit info in the ESS controls.
- Installation settings: Invitation messages cannot contain URLs.
- General: Fix some translations not displaying correctly.
- Installation dashboard: Improve performance by synchronising updates.

2023-09-25

- Dashboard: Fix the issue causing an 'Access denied to this object' error to appear when selecting an installation as a user without full control.

2023-09-22

- iOS: Fix error causing status widgets to not load.
- iOS: Fix error causing 'Unavailable' time in the corner of the widgets despite reachable installation
- Android and iOS: When choosing an installation for a widget, the list loads faster. The widget itself also receives installation data faster.

2023-09-16

- Installation overview: Temporarily hide installation stats on mobile for users with many installations to improve loading times and responsiveness on iOS 17.

2023-09-16

- Advanced: Added “Last seen” and “Last successful authentication” columns in the API access tokens table

2023-09-15

- Device List: Add up to 12 serial numbers for VE Bus devices in serial number of VE Bus with hierarchy of devices (phase master, ...).

2023-09-14

- Dashboard: Improve performance by adding an MQTT buffer that limits the number of attribute updates on the installation.
- Dashboard: Fix bug that caused pipes to not be connected on some installations.
- Installation data: Added toggle-able legend for the series of the System overview graph.
- Dashboard: Improve the UX/UI of the controls and add more loading states.

2023-09-12

- Advanced: Fix reduced data resolution when zooming in and the Solar irradiance widget is active.

2023-09-11

- Event log: Capture firmware update failures.
- Event log: Add a more detailed description when a GX device is replaced.

2023-09-07

- Dashboard: Improve the Show/Hide forecast button logic.
- Update detection: Improve the logic for detecting moving between pages.

2023-09-06

- Dashboard: Fix issue causing Multi RS PV charger device details not to update.

2023-09-04

- Dashboard: Added unit (kWh) to Total solar power + made variable more clear.

2023-09-01

- Banner: Fix the link for the data sent from unauthenticated device message.

2023-08-31

- API: Fix retrieving forecasted data from stats endpoint when *show_instance=true*
- Android and iOS: Generator data has been added to the chart visible in the large view of the status widget

2023-08-30

- Battery monitor, PV inverters, Chargers, Inverters, DC Sources, Alternators, Dc loads, DC systems that are reporting a serial number, now display it in the device list.
- Fix disconnecting from MQTT from an inactive VRM tab in Firefox and Chrome.

2023-08-29

- Android and iOS: Solar forecasts can now be seen in the chart visible in the large view of the status widget

2023-08-28

- Data uploads: Increased file size limit to 200MB and improved performance.
- Dashboard: Extend solar production forecast for up to 7 days in the future.
- Dashboard: Decrease threshold for showing the energy flow animation (from 30W to 10W).
- Dashboard Reports: Fixed issue with downloading report for Pacific/Pohnpei

2023-08-25

- Advanced: Made installation data chart size more consistent and readable.

2023-08-23

- Embed: Fixed issue with loading an embedded dashboard after using an installation sharing link.

2023-08-22

- Dashboard: Add back grid icon missing on some installations.

2023-08-17

- Tags: Added better validation for adding tags with similar names
- Dashboard details: Reduce the precision of voltages for solar chargers to one decimal.

2023-08-15

- Performance: Reduced the number of watchers and improved performance on multiple pages in the web app.
- Dashboard: Add device control widgets for Inverter RS and Multi RS

2023-08-14

- Dashboard: Replace the “Show forecast” tooltip with a more informative modal.

2023-08-11

- Dashboard: Add new system state: Dynamic ESS.
- Beta: Show the “What's new” modal more consistently to beta users when new features are rolled out.

2023-08-08

- Admin: Actions made under impersonation are now logged together with the impersonator's ID visible to administrators in event logs. Added measures to prevent admins from impersonating other admins and restricted admins from impersonating other admins or restricted admins.

2023-08-07

- Controls: Fix EVCS Charging toggle getting stuck when used in combination with Remote Console.
- Overview: Fixed errors being thrown in the console when no tags included in URL.

2023-08-01

- Charts: fix update mechanism in charts to make sure data remains rendered after polling update

2023-07-31

- Dashboard: Fix forecasts not showing for some sites when turning “Two-way communication”

off

2023-07-28

- Dashboard: Improve detection logic for when to show the “Show forecast” disabled button.
- Installation data: Improve the UX/UI of the totals cards.

2023-07-26

- Dashboard: Improve the text explaining why the “Show forecast” button is disabled.

2023-07-25

- Admin attributes: Increase limit of data attributes to 2000
- Add installation: Fixed issue that prevented the Multiplus II GX setup from opening on desktop.

2023-07-24

- Installation data: Fixed an issue where the page would jump up when switching graphs.

2023-07-23

- Alarm Logs: Added kebab dropdown menu in alarm logs table, updated clear alarm logs modal

2023-07-22

- Advanced: Fixed widget axis not scaling correctly when changing outputs

2023-07-21

- Dashboard: Show a disabled “Show forecast” button and a tooltip guiding users to set their location.
- Forecasts: Add forecasting for RS devices (Inverter-RS and Multi-RS).

2023-07-20

- Tags: Fix tags not being loaded.
- Installation data: Prevent the “Battery now” dot from lagging behind in time.
- Add installation: Add Ekrano GX
- Device List & Advanced: Fix Cerbo GX using CCGX icon instead of Cerbo icon.

2023-07-19

- Dashboard: Fix the logic for showing the forecast when switching between time intervals and chart types.
- Installation data: Reduce the height of the “System overview” chart on mobile.

2023-07-18

- Dashboard: Persist showing the forecast when checking different time ranges and then coming back to Today's view.
- Dashboard: Prevent the “Show forecast” from being shown briefly when a site doesn't have a forecast.

2023-07-17

- Dashboard: Fixed the grid chart colors for the installation overview in dark mode so it is clear again when it is feeding or pulling from the grid

2023-07-14

- Event log: Fixed bug which caused the event logs to not load on some installations

2023-07-13

- Dashboard: Increase precision by showing one decimal point for kWh values in installation data.
- Dashboard: Always show power per phase for PV Inverters on output.

2023-07-12

- Custom widget: Fix series color being too dark in dark mode.

2023-07-11

- Dashboard: Show warning for rare case in which a Multi RS cannot be shown on the dashboard.

2023-07-10

- Advanced: Add widgets for DC-DC converter, Smart BatteryProtect and Smart Lithium.
- Advanced: Show correct error message when hitting the rate limit.
- Improve handling of upstream data fetching timeouts.

2023-07-07

- Advanced: Further improvements to the behaviour of widgets during modification.
- Dashboard: Fix colors of forecasted bars for dealer whitelables.

2023-07-06

- Advanced: Improvements to stability of widget grid during modification.
- Dashboard: Make the colors of the System overview chart consistent with the other tabs (Solar, Consumption, etc.
- Dashboard: Fix tooltip not showing for certain forecasted hours.

2023-07-05

- Dashboard: Add Solar Production (PV Yield) forecasting.
- Advanced: Add Solar Irradiance widget for Gateway.
- Custom widget: Fix graph tooltip not showing complete legend when creating a new widget.
- Custom widget: Fix Y-axis for some widgets being inconsistent
- Overview: Fix row loading visual bug.
- Overview: using a link with shared tags now gives a popup that some tags could not be used.
- Device list: Unknown serial numbers for e.g. Instant Readout devices is now shown correctly.
- Login: show meaningful error when being ratelimited based on 2FA token.
- Installation settings: added a reset button for sites that used an invalid MQTT password in the past.

2023-07-04

- Advanced Data Download: Fix number formatting.

2023-07-03

- Dashboard: The installation graph now shows the direction of flow more clearly
- Firmware update: Fixed an issue where you would get a “Scan already in progress” error while scanning for updatable devices.
- Advanced: Load correct widgets when search is not active and prevent side effects to layout by search.
- Shared page : It is now not possible to share an installation and then to forge the uri so that you can access unwanted pages (eg alarm-logs as shared user).
- All pages : Every 8 minutes there is a check to verify that a new version has not been deployed, after 5 minutes of inactivity the page will reload .
- Login: redirect to the login page instead of the VRM product page when visiting vrm.victronenergy.com
- Login: change cancel button on login form to “Read more about VRM”
- Dashboard: Decrease the zoom of location widget and location pin to show more of the current site location
- Overview: Remove shared installations from the list of installations

2023-06-29

- Advanced: Prevent error message from disappearing when a download is already in progress for an installation.

2023-06-27

- Dealers: Add whitelabel for Trystar.
- Data exports: Lock first rows and columns of spreadsheet.
- Advanced: Fix expanded widgets automatically shrinking after a short amount of time.

2023-06-26

- Advanced: Remove the Load widget button for state widgets. These widgets load automatically again.
- Android and iOS: The mobile widgets now show when the installation was last reached in the top right corner, rather than when the widget itself was last refreshed

2023-06-22

- Installation users: Make overflow of tables for the installation users more clear on mobile.
- Alarm logs:
    - Display a nice message when alarm logs are empty instead of pop up modal.
    - Add status of an installation on the page (also for the event logs)

2023-06-21

- Advanced: Data downloads performance improvements to allow for downloading larger files.
- Fix for map behaviour with location query string
- Hover for historical data in dark mode is fixed for all historical graphs except grid
- Devices:
    - Added data logging support and icons for Orion-Tr Smart DC-DC charger, Smart BatteryProtect and Lithium Battery Smart.
    - Added new icons for Inverter RS Smart, Lynx Smart BMS and Blue Smart IP65 Charger.
- Caching of graphs on installation overview to improve performance.
- Controls: Change order of ESS states to be the same across all platforms

2023-06-20

- Firmware update: Do not prompt users to retry firmware update when encountering a 733 error.
- Production report: Improve accuracy of generator runtime for installations with Venus OS v3.00 or higher.
- Advanced widget grid editing and viewing:
    - Identical order of widgets on mobile and desktop
    - Warning message when grid is full
    - Consistent handling of grids with many widgets

2023-06-19

- Login: Add password viewer
- Economic report & Hybrid report: Show explicit errors when saving a template with invalid arguments
- Maps: Allow for scroll-in with trackpad
- Maps: Set view restrictions on all maps so it looks more like google maps
- Event logs: Improved performances of large event logs (loading time is reduced)

2023-06-15

- My installations: Fixed an issue where the modal window would not close after downloading a production report

2023-06-13

- Device list: Change how MultiRS is detected to improve detection in multi-phase systems using MultiRS

2023-06-12

- Historical data: Fix rounding for the “This year” interval to prevent one extra column on the left.

2023-06-08

- Advanced: Retrieve the state changes one by one instead the of all at once. Fixes the data often not showing up as well as and fixes the related red error message.

2023-06-07

- Restore the update interval of installation to 1 minute. Was previously set to 5 minutes to cope with DB overload.

2023-06-05

- Dashboard: Summary block icon colours are now the same as the legend colours.

2023-06-02

- Fixed being logged out and having to re-login in frequently.
- Dashboard: Removed unnecessary requests for data.

2023-06-01

- VE.Configure & Device Firmware: Fixed an issue where leaving the tab caused the download/upload to stop.

2023-05-31

- Installation overview: Remove DC voltage from table adjustments

2023-05-25

- Fixed bug which caused the “Old data” message to sometimes display on summary widgets even when data was up-to-date

2023-05-24

- Whitelabels: Support for dealers' custom styles
- Android:
  - You can open installation in the app by tapping the widget
  - Improved the speed of the EVCS actions

2023-05-17

- Various improvements for users that manage fleets of systems:
  - ‘Add installation’ button is moved to top of installation overview
  - Fleet managers can keep, bookmark and share the position where they were in the map view
  - Search bar is better visible in the installation overview
  - Installation totals are shown on top of the installation overview
  - Active tags can be bookmarked and shared through URL with other user(s)
  - You can see how many installations have alarms
  - You can reset the zoom in the installation overview map
  - The map view now acts as a filter for the installation table when it is open and a user zooms in
  - Smaller adjustments e.g. tags are sorted alphabetically, more tags will alter UI to make them better read-able, alarm tags are color-coded, groups, alarms, tags can be filtered on

2023-05-15

- Advanced: Added extra widgets for the Inverter RS Smart Solar.

2023-05-12

- Performance improvement: When navigating away from a web browser tab that has VRM, for more than 10 seconds, the connection for real time data is closed. When users comes back to

the tab the connection is immediately re-established.

2023-05-11

- Dashboard: Improve the performance (reduce CPU & memory use) of rendering the real time data updates to the “Detailed” fold-outs on the Dashboard.
- Custom widgets: Fix the legend and series colors being duplicated for the same device type.
- Production report: fix broken generator run hours

2023-05-10

- Improve data reloading when returning to an inactive VRM tab in Firefox and Chrome.

2023-05-09

- Date picker: Remove date rounding when custom ranges are selected.
- Dashboard: Fix showing the correct Local time after coming back to an inactive VRM tab.
- Fix showing the Local time in the correct timezone in all browsers.

2023-05-04

- Internal: Major upgrade of the API framework.

2023-05-03

- Display preferences: fix alignment of the buttons on this page on specific screensizes.

2023-04-28

- General: Update translations
- Login: Add better type validation to login API request
- Installation users: Fix tooltip text explaining that the latest admin can not be removed

2023-04-26

- Add Installation: Remove SHS (PAYGo) device

2023-04-23

- Advanced: Show correct last seen timestamp.
- Advanced: Fix a bug that caused widget icons to overlap on touchscreen devices.
- Advanced: Improve validation on custom widget creation

2023-04-18

- Dashboard: Add generator runtime in generator historical graph

2023-04-13

- Remote console: Fix bug remote console broken height on mobile.

2023-04-04

- Dashboard: Improve readability for dashboard tiles and add font smoothing.

2023-03-30

- Controls: Do not display controls that are not present anymore.
- Dashboard: Make the realtime indicator more reliable.

2023-03-29

- E-Mails: Add the email of the requesting user.

2023-03-28

- Android: Fix charge toggle is not visible when enabled on the EVCS widget

2023-03-23

- Advanced graphs: Fix range values were incorrectly calculated and displayed.

2023-03-16

- Alerts: Make the 'connection offline' notification dismissible for 5 minutes.

2023-03-13

- Production report: Operational run hours now shows how long inverters were powering the AC loads, and generator run hours shows the amount of time the generator was running.

2023-03-10

- Dashboard: Do not interpolate missing data for PV Inverter, AC Loads and Critical Loads.

2023-03-08

- Dashboard: Fix EVCS component covers status label

2023-03-03

- Custom widgets: increased the yAxis allowed range from 5000 to 500000

2023-03-02

- Historical data: Now also shows data about grid, shore and generator usage.
- Controls: Fix scrolling inside the drawer.

2023-02-28

- Custom widgets: Creating and editing custom widgets is now done on a separate page.

2023-02-24

- Settings: The user is now warned before removing his own full control over an installation.
- Settings: It is not possible to remove the last user with full control over an installation.

2023-02-22

- Login: Changing the language before login saves this as preferred language for the account.
- Alerts: Reduce the bottom spacing of alerts on mobile.
- Dashboard: Connect the EVCS tile to Critical loads.
- Advanced: Fix default y-axis max value race condition.

2023-02-21

- Modals: Fixed issue causing some modals to appear outside of the viewport.
- Dashboard: Prevent the page from scrolling when the controls are open.
- Installation users: Remove personal message required indication on invite.

2023-02-20

- Advanced: Fix tooltip sometimes not showing in all charts when hovering.
- Advanced: Only copy active widgets when duplicating a widget layout.
- Advanced: Fix bug causing original custom widget to be modified when editing a copy on a different installation.
- Advanced: Fix location and size of custom widgets without data not being saved correctly.
- Advanced: Added units to the dropdown of custom widget parameters.

2023-02-13

- Event logs: Event logs are now shown in installation timezone, rather than browser timezone.
- Internal: Add debouncing to state graph data fetching.
- Internal: Improve state graph data fetching performance.

2023-02-08

- Advanced: Change .xls data exports to .xlsx
- Internal: Improvements and optimisations in querying timeseries data.

2023-02-07

- Dashboard controls: Allow users to set the EVCS to “Scheduled charging” mode. (requires Venus OS version to be at least v2.93~2)

2023-01-31

- Custom widgets: Allow users to use decimal values for the lower and upper bounds of the scale.

2023-01-30

- Admin: Add pagination the search results on data attribute filtering.

2023-01-27

- Dashboard: Historical data graph now shows the right date and hour when in monthly interval. It also detects quick ranges when going forward with the arrow buttons after going backwards from a quick range.
- Reporting: Fix the style of the floating date picker.
- Advanced: Resolve duplicate attributes for custom widgets.
- What's new: What's new section blue badge does not appear again when deleting local or session storage.

2023-01-17

- Controls: Improved loading state showing more details about connection issues for inverter controls.
- Dashboard: Fix bug where date picker arrow buttons would become unclickable on mobile devices.
- Advanced: Fix the search function for advanced widgets and stop widget rearrangement.

2023-01-11

- Advanced: Stop the keyboard from hiding dropdown selection menus in custom widget creation or editing on mobile devices.

2023-01-03

- Event log: Fix bug causing incorrect state names to be used when switching ESS state.
- Firmware updates: Added support to detect custom firmware version mismatches for VE.Bus devices.

2023-01-01

- Styling: Fix bugs causing the colors in vrm to be wrong for some providers, which would cause graph colors to be different than their labels, and accent colors to not match in different parts of the website.

2022-12-30

- Android: Fix bug where status widget wouldn't show graph or would show it incredibly small after resizing

2022-12-29

- Historical data: Fix wrong date range shown in graph when “previous month” was selected
- Historical data: Fix additional day being shown when selected time range contained a daylight savings time change.

2022-12-21

- Venus OS Large: Show Node-RED link when it is in safe mode.

2022-12-19

- Firmware updates: Allow updating GX devices from VRM.
- Push notifications: Fix duplicated devices in the Other devices list.

2022-12-16

- Advanced: Removed bug causing a second tooltip showing “title” text to show up when hovering a chart in the Custom widget creating or editing modal

2022-12-12

- Installations: Fix map moving when hovering over one of the installations.

- Advanced: Set Y-axis for Humidity between 0 and 100.

2022-12-02

- The blue dot indicating there are new elements in the “What's new” in-app changelog now disappears after the changelog is opened rather than after every element has been viewed.
- Advanced: Modal for editing and creating custom widget will now be shown regardless of screen resolution

2022-12-01

- Add installation: Add Cerbo-S GX
- Installations: Apply filtering by tags to the map view of installations.

2022-11-28

- Controls: Improve Inverter controls by adding a loading state.

2022-11-24

- Advanced: Add GlobalLink summary and graph widget.
- Dashboard: Improve the alignment of the Controls icon.

2022-11-22

- Push notifications: Improve the design and text of the Preferences > Notifications screen.
- Push notifications: Fix edge case causing duplicated devices in the “Other devices” list.

2022-11-21

- Release Mobile and Web Push notifications.
- Firmware updates: Add support for VE.Bus BMS firmware files and update instructions.

2022-11-18

- Historical data: Fix page scrolling to the top when switching between Consumption and Solar.

2022-11-16

- Custom widgets: Show the custom device name in the legend of the widget.
- Historical data: Distinguish between Grid, Shore and generic AC input in the To/From tiles.

2022-11-10

- Custom widgets: Allow customising the Y-axis minimum, maximum and interval count.
- Historical data: Fix bug causing the data not be rendered correctly in the chart.

2022-11-07

- Add Polish language and translations.

2022-10-25

- Internal: Replace _old_ with _deleted_by_user_ for deleted installations.
- Internal: Add idUser to MQTT URL to help debugging.

2022-10-21

- Firmware Update: Fix incomplete serial numbers being logged.

2022-10-18

- Dashboard - Historical data: Add a new Generator tile and show in the chart generator data if it is available.

2022-10-17

- Installation: Fix filtering of installations after deselecting all the tags.
- Reporting: Fix the text color inside the report types cards for dark mode.

2022-10-13

- Event logs: Add new event types: accessing the Remote console and changes made using the controls from the dashboard (input limit, inverter/charger mode, EVCS mode, etc.)
- Event logs: Add actions performed by Victron admins.
- Event logs: Firmware update versions.
- Registration: Add link to the privacy policy document.

2022-10-10

- Preferences: Update the design of the language selection page.

2022-10-07

- Profile: Move Volume unit setting from Profile to Display preferences.

- Internal: Change MQTT headers.

2022-10-05

- Controls: Fix issue which caused the controls to be unavailable for certain relay configurations.

2022-10-04

- Add the Event logs screen to track and monitor important changes made to an installation.

2022-09-27

- Advanced: Add Alternator Speed and Drive widget.

2022-09-21

- Advanced: Add a button to view widgets in fullscreen.
- Dashboard: Improve temperature cards layout and alignment.
- Dashboard: Display Input Current Limit for MultiRS.
- Support new tank types: Gasoline, Diesel, LPG, LNG, Hydraulic oil, Raw water.

2022-09-20

- Location and Geofence: Improve Reset button styling.

2022-09-19

- Controls: Improve the time counters of the generator controls.

2022-09-16

- Remove HotJar analytics.

2022-09-13

- Improve the styling of the What's new modal and allow links.

2022-09-12

- Update links to documentation for adding installations and Node-Red.

2022-09-06

- Dashboard: Position the EVCS tile on input or output.
- Remote console: Fix error screen showing while the remote connection is being established.
- Custom widgets: Show custom widgets even when there is no data for the selected series and time period.
- Require 2FA when resetting the password.
- Internal: Move from Mandrill SDK to Mailchimp SDK for sending emails.
- Internal: Move from Twillio Authy for Twillio Verify for sending 2FA codes.

2022-09-05

- Add the Display preference menu.
- First day of the week used to be only Sunday. Now for all users, existing and new, the first day of the week is set automatically. Users can override the preferred first day of the week in the Display preferences menu.

2022-08-29

- Fix duplication of certain PV inverters in the Device list.

2022-08-23

- Make global announcements bar dismissible.

2022-08-22

- Dashboard: Correctly show PV inverters not wired through phase one.
- Dashboard: Add spark graph for certain PV inverters that did not have one yet.

2022-08-19

- Advanced: Fix solar charger summary widget when there is no data.
- Production report: Fix errors caused by invalid time periods selected. Improve error messages in case of failure or timeouts.

2022-08-17

- Patch the caching and version checking mechanism to work on older Safari browsers.

2022-08-16

- Improve the caching and version checking mechanism.

2022-08-13

- Custom widgets: Prevent y-axis labels from being truncated
- Add cross button to make alarm banners not be fixed at the top of the screen to prevent overlap.

2022-08-04

- Advanced: Fix Hours of AC in for VE.Bus summary widgets with different instance numbers.
- Installation overview: Hide the PAYGo column when no installations are PAYGo.

2022-08-01

- Add 2FA reset flow.
- Improve password policy requirements.
- Require password to update the email address.
- Prevent reusing TOTP tokens.
- Do not allow links in invitations.

2022-07-25

- Add the Ukrainian language and translations.

2022-07-22

- Installation overview: Add sorting installations by voltage and SoC.
- Dealers: Add whitelabels for SO Energy and Puredrive.

2022-07-12

- PAYGo: Add functionality for managing PAYGo installations and tokens in VRM.

2022-07-11

- Dashboard: Improve detailed values displaying on mobile.
- Alarm log: Improve columns width on mobile.

2022-07-08

- Alarm log: Add links to documentation for known alarm codes.

2022-07-01

- Dashboard: Add expandable ESS states to the Battery tile.
- Dashboard: Add MPPT details for Multi RS and Inverter RS.

2022-06-29

- ESS Controls: Design improvements.

2022-06-28

- Device List: Show L2 and L3 PV Inverter devices.

2022-06-21

- Advanced: Fix voltage unit for energy meters in graph legends.
- Advanced: Fix synchronised zooming for the Solar Charger Current widget.

2022-06-20

- Dashboard controls: Add control for EV Charging Station.
- Dashboard controls: Add generator control (requires Venus v2.90).
- Dashboard controls: Allow user to enable Inverter/Charger control from general settings.
- Dashboard controls: Display loading state of the controls.
- Advanced: Switch around Humidity and Pressure series to ensure color consistency.

2022-06-15

- Advanced: Fix calculated Solar Charger PV Current not being displayed sometimes.
- Advanced: Fix graphs showing “No data available” instead of rendering the actual data.
- Translations: Fix reloading english translations upon failure.

2022-06-13

- Dashboard: Improve battery temperature readings. Now the temperature is displayed for more system types that use different methods of reading temperatures.

2022-06-09

- Advanced: Add the ability to edit custom widgets.
- Advanced: Show device names in the custom widget legend.

2022-05-24

- Alarm log: Fix selecting the time range of an alarm when navigating to the Advanced page.

2022-05-23

- Activate Hotjar for web and mobile.

2022-05-17

- Controls: Change ESS translations and order.

2022-05-16

- Advanced: Add icon to custom widgets.
- Dashboard: Improve input limit tile styling.

2022-05-12

- Installation overview: Add a Total row to sum up the power from all installations in the overview.

2022-05-11

- Firmware Update: Change the firmware file format for EV Charging Station from .bin to .evcsup.
- Dashboard: Improve the update frequency of the values from the EV Charging Station tile.
- Improve overall buttons styling and consistency.

2022-05-09

- Advanced: Fix AC Meter showing the MPPT icon.

2022-05-04

- Advanced: Fix “Reset zoom” button not being visible for certain widgets.
- Dashboard: Fix EVCS status for multiple stations combined in one tile.

2022-05-03

- Dashboard: Hide the solar charger status “lollipop” when there is more than one solar charger.
- Prevent keyboard from showing on Android when interacting with dropdowns.

2022-04-29

- Dashboard: Change the design of the controls button.

2022-04-28

- Device list: Add icons for Alternator, DC Source and DC Load.

2022-04-25

- Device list: Allow to separately click on the remote LAN IP addresses.
- Advanced: Improve the grid of the temperature, humidity and pressure chart.
- Advanced: Switch around min and max cell voltage in the tooltip.
- Various styling improvements

2022-04-20

- Dashboard: Improve showing battery temperature for installation with multiple temperature sources.
- Advanced: Fix tag positioning in Firefox.
- Custom widgets: Improve creation modal size and position.

2022-04-19

- Device list: Fix delete device button when a device is expanded.
- Add installation: Add instructions and logic for GX devices requiring the WiFi MAC.

2022-04-15

- Advanced: The tooltip labels for state graphs on the advanced page stay within the graph.
- Dashboard: Make battery states translatable.
- Dashboard: Replace EVCS Max Charge Current with Total Energy.
- Redirect from the VRM landing page to the VRM product page.

2022-04-13

- Move the language settings under the new preferences menu.

2022-04-12

- Custom widget: Add device instance dumber for series with the same description.
- Dashboard: Remove EVCS line artefact.
- Dark mode improvements: Safari notch color, modal headers, scroll bars.
- Improve loading translations for slow connections.
- Update translations for all languages

2022-04-10

- Advanced: Revert hiding series when there is no data.

2022-04-07

- Historical data: Change unit for the the battery voltage range.

2022-04-01

- Custom widget: Improve retrieving data attributes.
- Custom widget: Add System data attributes.

2022-03-31

- Advanced: Only show series for which there is data inside a widget.
- Dark mode styling improvements in various pages.
- Installation groups: Automatically add tags to installations that are part of a group so they can be easily filtered in the installation overview.
- Update translations.

2022-03-30

- Advanced: Only show widgets for which the installation has data.
- Installation settings: Add reset button for installation location.

2022-03-23

- Dashboard: Add toggles for relay 0 and 1 in device controls.
- Advanced: Add Inverter/Charger (MultiRS) widgets.

2022-03-16

- Advanced: Introduce custom widgets. Allows users to combine data attributes from multiple devices in one widget.

2022-03-15

- Dashboard: Add accumulated generator runtime to the details of the Generator tile.
- Dashboard: Add a warning text when the tank level was updated longer than one hour ago.

2022-03-14

- Dashboard: Add a drawer that contains controls for inverters and for energy storage system. This can be accessed when installation is in realtime mode and has two way communication.

The button that opens the drawer is to the right of local time.

2022-03-11

- Dashboard: Fix double AC Loads frequency for system with more than one VE.Bus device.
- Advanced: Only show relevant series in widgets with multiple series. For example, do not show humidity and pressure for sensors that collect only temperature.

2022-03-09

- Add dark mode.
- Add “Preferences” menu.

2022-03-09

- Dashboard: Fix battery temperature display issues.

2022-03-03

- Device list: Fix delete device button.

2022-02-25

- Dashboard: Show informative popup for multi-phase ESS installations.

2022-02-22

- Dashboard: Add EV Charging Station tile to show power and status for single and multiple stations.

2022-02-21

- Dashboard: Improve the aspect of the charts inside the tiles to prevent gaps.
- API: Improve return data types consistency to make the usage of the API simpler.

2022-02-18

- Advanced: Add functionality to lock/unlock the position of widgets.
- Admin: Add the ability to search installation by data attributes.
- API: Fix revoking personal access tokens.

2022-02-08

- Installation overview, Advanced, Installation groups, Teams: Align title with action buttons.

2022-02-01

- Remote firmware updates: Allow updating RS products when not all the controllers have working firmware.
- Advanced: Add widgets for AC Meters and DC Loads.
- Advanced: Combine the temperature, humidity and pressure widgets into one.

2022-01-31

- Advanced: Add explanation about logging interval for the min-max peaks.
- Update translations for all languages.

2022-01-20

- Advanced: Fix cursor icon for touch devices when selecting widget titles.

2022-01-18

- Dashboard: Add ESS states to the battery tile.
- Dashboard: Add last updated to temperature tiles.
- Device list: Improve the display of custom names and device instances.

2022-01-17

- Add AC Meter and EVCS icons for the device list.
- Update translations for all languages.

2022-01-12

- Replace the VRM landing page with the new product page.

2022-01-08

- GPS Widget: Disable scrolling to allow seeing the details at any widget size.

2022-01-07

- Advanced page: Improve GPS widget by making the header stay on top and allowing the map to take full height of widget space

- Installation Groups: Rows with installations from installations table are now clickable.
- Installation Groups: Alarm notifications are now managed on both installation level as well as on installation group level.
    - The toggle within an Installation always shows the current setting for the user for that Installation.
    - Within an installation group, the toggle controls the settings for all Installations within that group to which the user does not have direct access.

2021-12-31

- Dashboard: Fix AC Input block height when no chart is available.

2021-12-29

- Change queued state UI texts.

2021-12-24

- Dealer Whitelables: Fix modal styling and positioning.

2021-12-23

- Installations overview: Fix the “Detail mode” button label.
- API: Add raw value to the diagnostics endpoint.
- Update translations.

2021-12-14

- Added “What's new” changelog feature for reports of new changes and features added to VRM. You can find it at the bottom left corner of the navigation bar. The changes reported there will **not** be the same as the ones reported in this changelog for now.

2021-12-13

- Dashboard: add Frequency to the details block of the AC Output and Critical Loads tile
- Dashboard: add Grid voltage, current, power details per phase
- Dashboard: add Generator details.

2021-12-10

- Advanced: add EVCS Power and Summary widgets.
- Installation Groups: improve informative message on “Add installations” modal.

2021-12-08

- Embed installations: an option to embed a minimal dashboard view on your own website has been added to the site sharing settings.

2021-12-07

- Dashboard page: add barometric pressure and humidity to the temperature blocks.

2021-12-01

- Remote Firmware Updates: Enable firmware updates for the EV Charger device.
- Update translations.

2021-11-30

- Advanced: add humidity and barometric pressure chart widgets.

2021-11-29

- Show permanent errors in a red bar at the top of the page.

2021-11-26

- Advanced Page: Fixed issue where the Digital Input State widget incorrectly showed no data.

2021-11-25

- Advanced Page: Ensure that temperature graphs are rendered properly after installation updates (once a minute).
- Firmware Update Steps: Instead of typing YES, now users confirm acknowledging the action by ticking a checkbox.

2021-11-24

- Venus OS Large: add menu item and buttons for Node Red, Node Red Dashboard and Signal K.

2021-11-23

- Login: fix reset password and registration flows after expired logins.
- Update translations.

2021-11-18

- Dashboard: Icons are centered vertically relative to the title
- Teams and Groups: Styling properties of page “teams” were applied to other pages to remove inconsistencies.
- Login: Removed stay signed asterisk.
- Login: Add autofocus for the 2FA field when it appears on the screen.

2021-11-16

- Advanced: Fixed issue where deactivating a widget if a device with multiple instances, the widget of the wrong instance would be disabled.

2021-11-11

- Advanced: Add widget for Battery monitor warnings and alarms.
- Advanced: For VE.Bus and Battery monitor warnings and alarms widgets, show on the Y-axis only attributes with data.

2021-11-08

- Dashboard: Add minimal and maximal temperature in the last 24 hrs as details for each sensor.
- Dashboard: Improve naming for tanks and temperature sensors by using custom name, temperature/tank type, and instance numbers.
- Dashboard: Make font sizes and weights more consistent.

2021-11-05

- Device list: Added signal strength icons to depict Excellent, Good, Fair to poor, or No signal strength along with the respective value

2021-11-04

- Firmware update: Added spinner icon for the currently active step when performing a firmware update of an installation
- Added missing degree symbols (°) to all temperatures

2021-11-03

- Fixed the dashboard, the installation overview as well as new installation registration not working in countries where google is blocked, such as China:
    - Registration: Added alternative reCAPTCHA domain for authenticating
    - Dashboard: Removed non-required call of Google maps services that ended up crashing the dashboard
- Advanced: Discontinue state diagram blocks when no data is available.

2021-10-19

- Notification: Urgent notifications will now show up in a modal
- History chart: SOC in historical chart will now also display the current battery level

2021-10-18

- User Settings page: Changed the order of tables. (Users, Access Requests, Invites)

2021-10-11

- Installation groups: Enable search for installations when creating a new installation group.

2021-10-07

- Date picker: Removed warning icon when date is in the past

2021-10-04

- Dashboard: Fix PV Charger details not updating in realtime.
- Dashboard: Sort MPPT and MPPT-RS PV Chargers alphabetically.
- Update translations

2021-09-28

- Remove alarm notifications toggle on Team page. See explanation below, at 2021-09-08, for details.

2021-09-27

- Add support for Turkish and Chinese

2021-09-22

- Fix dropdown controls opening upwards on small portrait screens

2021-09-21

- Fix data points grouped incorrectly in advanced page state widgets
- Redirect to the installations overview after deleting or unlinking an installation
- Add Battery Consumed Amphours widget

2021-09-20

- Add time to the tooltips of the historical data charts.
- Improve quick ranges selection and rounding in the historical data part of the dashboard.
- Update translations (de, fr, nl, tr, zh)

2021-09-15

- Fix data grouping and rounding for quick time ranges in the historical data charts.

2021-09-13

- Improve tanks and temperatures overview on the dashboard, grouping tanks per type, sorting groups by name and show temperatures on the dashboard
- Advanced: Store the chart plot settings (the selected phase, or the voltage and so forth, for the graph widgets
- Advanced: Improve widgets resizing and moving for touch-enabled devices to prevent accidental changes while scrolling
- Improve the ‘add installation’ wizard. An optional installation name can now be given for new installations
- Improve firmware update, showing realtime progress
- Improve precision for historical data when selecting custom ranges
- Add a profile setting to display dashboard/widget volumes in US gallons
- Add button tooltips in several locations
- Fix date range positioning in historical data tooltips
- Fix PV Inverter not connected to the multi in the dashboard overview
- Fix advanced input state widgets not showing data in some cases

2021-09-08

- Add team-level alarm notification subscription toggle: you can now enable alarm notifications for a whole team. Note that this feature will be removed soon. Instead we'll add the enable/disable toggle for installations to the Installations group page. On that page, a user connected to the group will be able to enable/disable alarm notifications for him self. The admin of the group is able to change the enable/disable setting for each user. Also, the admin of the installation group is able to enable/disable alarm notifications for User teams linked to the installation group. If a user is also directly connected to an installation, and disabled notifications there, than that will have priority: he will not receive notifications for that installation. If thats the case, then the toggle switch on the Installations group page will indicate that, for example by turning yellow and having a explaining mouse-over.
- Add uptime to gateway on device list

2021-09-06

- Improve the positioning of the PV Inverter tile on the installation dashboard
- Improve readability of time to go on battery summary widget
- Permission changes are now logged for future auditing

- Fix synchronized tooltip for temperature and state widgets

2021-08-23

- Add language switcher in the sidebar and on the login page
- Add support for more MPPT RS types to the installation dashboard

2021-08-19

- Improve user experience when selecting custom date ranges
- Improve general experience across different browsers
- Reduce network usage on installation overview

2021-08-17

- Add dashboard details for PV Inverters: MPPT and MPPT-RS
- Fix dashboard styling issues

2021-08-16

- Show horizontal graph in the grid widget of the dashboard when negative values are present.

2021-07-05

- Add teams and groups to VRM permission system
- Add ability to clone the advanced page widget layout to other installations
- Updated translations
- Fix advanced page showing error after loading widgets for some users

2021-06-30

- Improved security
- Require current password when changing it
- Fix battery voltage not showing correctly on the installation dashboard in some cases

2021-06-21

- Switch advanced page export to xlsx file format when exceeding excel column limit
- Add dutch language option
- Add explainer video to GX device replacement wizard
- New system critical loads graph widget
- Updated translations

2021-06-09

- Update translations for German, Spanish, French, Dutch and Chineese.
- Fix installation overview always having detail mode reset for users with many installations
- Reduced realtime broker load by using lower keep alive interval

2021-05-20

- Fix a bug in advanced page data download sometimes leading to failure to generate a correct report

2021-05-17

- Fix advanced page resetting date range after user changes it if the advanced page opened from the alarms page
- Show time remaining for battery block (when charging) on the installation dashboard
- Fix a zoom issue for FF block on the installation dashboard
- Convert realtime volumetric units to gallons when profile is configured to show gallons
- Show zero baseline more clearly on advanced page charts when there are two Y-axis present
- Move the reset zoom button into the widget settings panel (gear icon)
- Update translations
- Changed issuer of mobile authenticator tokens to vrm.victronenergy.com (existing tokens will still work, if you want to update your token then unlink your devices)

2021-05-14

- Fix installation overview not dividing installations into separate lists (my installations, shared, etc.)

2021-05-10

- Fix bug where accepting installation share link while also having access with your own account prevents you from making changes to the installation

2021-05-03

- Update dutch translations

2021-04-19

- Add new ‘Dutch’ language option

2021-04-10

- Make “Cerbo GX” first device option on the add installation wizard

2021-04-09

- Fix VEConfigure screen getting stuck on waiting for updates

2021-03-29

- Add support for device list status messages in firmware update modal
- Show solar charger serial number in device list

2021-03-21

- Update firmware dialog texts for more clarity

2021-03-18

- Update swedish and spanish translations

2021-03-12

- Show more information about connected batteries on installation dashboard
- Fix batteries display flickering on installation dashboard
- Fix alignment of tanks on installation dashboard
- Fix installation dashboard wrongly showing generator block as disconnected in some cases
- Fix some inconsistent energy flows on installation dashboard for AC-in

2021-03-11

- Fix alarms load bug on installation overview
- Change installation overview battery sorting to use battery voltage

2021-03-08

- Update german translations

2021-03-06

- Fix bug for “Battery Voltage & Current” showing “Top voltage” instead of “Voltage” in some cases

2021-03-04

- Fix rare bug with realtime data updates not registering correctly when you have multiple devices of the same type

2021-03-03

- Major upgrade of installations overview, including:
  - Sort installations on alarms by default
  - Sort down installations that have not been online in several months
  - Added “detail mode” to installation overview, showing more information about the installations
  - Added sparkline charts to installation overview, showing data for the last 24 hours (detail mode only)
  - Improved performance of installation overview for accounts with access to many installations
- Prevent user logout during firmware update
- Cancel active logins when user changes password
- Revoke access tokens after user changes password

2021-03-02

- Fix timezone bug in recurring reports
- Fix inconsistent behaviour of recurring reports when reporting monthly data over a gap-year
- Update wording for warning of double download

2021-03-01

- Lower user priviledges when a registered user accesses an installation through a share link
- Lower network usage on advanced page when using large ranges of time

2021-02-28

- Tighten security on photo uploads

2021-02-26

- Added “Are you sure?” checks before performing firmware updates to VE.Bus
- Support uploading VFF files for firmware updates
- Show device connection for VE.Bus devices in firmware updater

2021-02-16

- Replace “N/A” with ”-” as label for no data
- Fix advanced page column charts not handling range-mode correctly

2021-02-15

- Fix a bug with installation dashboard energy flows for PV-inverters

2021-02-11

- Add temperature blocks to the dashboard

2021-02-10

- Show ‘Add installation’ screen after logging in through VictronConnect when trying to access an installation you don’t have access to
- Fix issue with selecting photos on iPhone when changing an installation avatar

2021-02-08

- Add “Clear open alarm” to manually clear alarms on installations
- Add installation setting to disable realtime data in VRM
- Update advanced page status, now similar to that of installation dashboard
- Add map view to weather block on the installation dashboard if there is GPS data
- Hide installation dashboard charts which don’t contain any data
- Fix self-updating installation dashboard charts
- Fix some cases where installation dashboard shows incorrect flows
- Enable historical data piechart tooltips for mobile phones
- Fix DC power block on installation dashboard cutting off peaks in some cases
- Add new MPPT RS graph widgets for voltage and current

2021-02-05

- Show correct number of alarms in alarm notification

2021-01-25

- Show tank custom names on installation dashboard (if set)

2021-01-18

- Fix installation proxy links not opening correctly on Safari

2021-01-14

- On installation overview, show setting values when they are more recent data-wise
- Fix bug in timezone conversion

2021-01-13

- Hide grid / generator blocks from dashboard when the AC inputs are not configured accordingly
- Fix dropdown menu popping over navigation menu in some cases

2021-01-05

- Set minimum tick interval for current charts to 0.05

2021-01-02

- Fix bug with dashboard realtime data updates
- Hide unused tanks from the dashboard

2020-12-24

- Fix overloading advanced page state widgets on long ranges
- Show battery voltage range in tooltip for historical data chart

2020-12-10

- Add min/max cell voltage to Battery status widget

2020-12-07

- Hide errors on login form when input changes
- New copy attribute value shortcut on installation diagnostics page

2020-12-04

- Fix unknown device state showing properly on installation dashboard

2020-12-03

- Fix redirect after logging in to previous page

2020-11-30

- Add support for authenticator apps as two-step verification method

2020-10-11

- Fix date picker sliding underneath the navbar on some screens

2020-10-02

- Add GlobalLink 520 support to VRM

2020-10-01

- Add an option to quickly remove a widget from the advanced page
- Add an option to show range values in advanced graphs (helps find peaks when looking at long ranges of data)

2020-09-29

- Fix Fahrenheit conversions for summary widgets
- Fix dashboard view for Internet Explorer 11

2020-09-28

- Add option to change relay state for GlobalLink devices

2020-09-25

- Show the grid graph on the dashboard as horizontal graph is there is no grid feed in

2020-09-22

- Launch realtime dashboard for more types of installations

2020-09-21

- New realtime installation dashboard for supported installations

2020-09-02

- Add internal temperature widget

2020-08-21

- Add pulse meter support

2020-08-17

- Fix a bug in widget grouping for some installations

2020-07-29

- Improve tooltip synchronisation for the Advanced page charts

2020-07-28

- Make installation overview more readable for a lot of installations
- Align labels of the state widgets with the graph charts for easier analysis
- Improve login screen autocompletion and usability

2020-07-27

- Add (optional) tank level column to system overview
- Improve site share links experience

2020-07-14

- Add an option to create periodic email reports for all report types
- Fixed an issue where some summary widgets displayed no data while there was data present

2020-07-13

- Show 'no data' when summary widgets don't have any data for the given installation
- Add charger AC power and current widgets
- Add digital inputs to the device list
- Add digital input state widget

2020-07-09

- Fix bug with enums displaying numerically on the dashboard in some cases

2020-07-07

- Add Fahrenheit support for VRM in the profile settings
- Add support for emojis in the installation name

2020-07-01

- Change PV inverter icon

2020-06-11

- Add device custom names to alarm log
- Add device icons for fuel cells
- Add device icons for GlobalLink devices
- Add fuel cell widgets
- Add ESS battery life state widget

2020-05-12

- Make the maximum slider value for economic reports dependent on the selected currency

2020-05-05

- Fix bug in time intervals filtering when the interval is negative

2020-04-27

- Improve datepicker formats and translations on locale changing

2020-04-08

- Add VRM portal ID to gateway in device list
- Fix datepicker format in some of the locales

2020-03-18

- Fix slow advanced page on Chromium based browsers (e.g. Android)

2020-03-05

- Change display of remote support port and IP in the device list

2020-03-02

- Fix state issues in the menu

2020-02-13

- Add relay widgets to the advanced section of VRM
- Add relay status to summary widgets on VRM

2020-01-31

- Add Cerbo GX to VRM add installation screen

2020-01-29

- Correctly scale pointer events on the remote console

2020-01-17

- Fix economic report available date range not being shown correctly for some Venus GX devices

2020-01-15

- Update translations

2020-01-13

- Fixed an issue in the VRM app where some charts on the advanced page did not load
- Fixed an issue where multiple different PV inverters incorrectly showed as the same type on the device list

2020-01-07

- Make remote console much sharper

2019-12-20

- Removed unnecessary attributes from the alarm rules wizard
- Added a Signal RSSI widget for LTE-M devices
- Fixed the axis configuration of the BMS graph widget

2019-12-13

- Added custom device names to the advanced page

2019-12-12

- Added custom device names to the device list

2019-12-11

- Change axis switching logic on the dashboard, so that the axis always correctly reflect the shown data
- Add altitude to GPS widgets
- Hide speed from dashboard location block if it is not available

2019-12-10

- Fix timezone issue in data downloads

2019-11-28

- Clicking a pie chart legend entry now doesn't remove it from the graph anymore

2019-11-21

- Large data downloads are now sent by e-mail, so that they can be generated reliable (before, large data downloads timed out)

2019-11-19

- Gateway icon on the advanced page now reflects the actual device

2019-11-14

- Change the battery voltage graph line color on the dashboard, so it's easier to distinguish SOC and battery voltage

2019-11-11

- Fix axis configuration on the dashboard when there are only minor changes in the data of the graphs

2019-11-06

- Added a battery temperature graph widget for solar chargers
- Added battery temperature to the solar charger summary widget

2019-10-30

- Add EasySolar II GX and MultiPlus II GX to the add installation screen

2019-10-25

- Fix issue with remote console access when a password was set

2019-10-23

- Add a battery mid-point voltage widget

2019-09-18

- Fix a styling issue with the datepicker on mobile devices
- Add LoRaWAN signal information to the device list

2019-09-16

- Fix duplicate battery temperature in VE.Bus status widget

2019-09-02

- Fix small gaps in the 'Off' state of the MPPT state widget
- New widget for meteorological sensors on the advanced page
- Show remote support IP next to the remote support port when available
- Show gateway serial number on the device list if available

2019-08-30

- Fix styling issues with some translations
- Fix some styling issues in the widget selector

2019-08-27

- Fixed an issue on some browsers where empty scrollbars would be shown

2019-08-16

- Fix an issue where the time of the datepicker would change after a page reload
- Added the instance number to the device list entries, making it easier to distinguish devices of the same type

2019-08-14

- Add an Excel export to the economic report

2019-08-13

- Adjust the sliders on the economic report to suit more systems

2019-08-09

- All VRM charts now always show at least one date on the X-axis so you can always see which date is graphed
- Fixed an issue where the DC Voltage column could not be selected on the installation overview

2019-08-05

- Added Rands (ZAR) to the currencies of the Economic report
- Increased the kWh price slider maximum value of the Economic report

2019-08-02

- Introduced the possibility to conditionally hide and display columns in the installations overview table
- Added the 'Date added' column to the installations overview table

2019-07-29

- Added accordion-like expandable items for the Advanced page widgets selector groups

2019-07-08

- Added tooltips with totals to consumption and solar pie charts on the dashboard
- Added widgets for DC meter

2019-07-03

- Fixed styling of the map block on the dashboard

2019-07-02

- Fixed the colors of the legend in the Inverter Output Voltage and Current widget

2019-07-01

- Improved some translations on VRM
- Fixed an issue where the widget selector the advanced page was not large enough and did not show all available widgets

2019-06-27

- Allow vertical resizing for the advanced page widgets

2019-06-18

- Fixed a bug on the iPad where the screensaver was not overlapping the full screen

2019-06-17

- Change margins and padding on the advanced page
- Advanced page drag & drop is now support on more screen resolutions
- Added the VE.Bus hardware configuration on the system overview page

2019-06-14

- Date arrows shift now with a full quick range for Today and This X ranges.
- Date picker and advanced widgets style improvements.

2019-06-12

- Production report now works for rangers bigger than 31 days

2019-06-11

- Only show remote support port when remote support is enabled

2019-06-06

- Added navigation to the Advanced page and one-day interval selection in the datepicker by clicking on the “Started at” value in the Alarm logs

2019-06-05

- Added interval shifting arrows to the datepicker

2019-06-04

- Show remote support port on device list page
- New advanced page: you can now put widgets next to each other and resize graphs on the advanced page
- Improved datepicker: It's now easier to select common ranges for the datepicker

2019-06-03

- Fix header buttons disappearing underneath alarm notifications

2019-05-22

- Device list on the firmware update screen is now more likely to show the correct device name

2019-05-20

- Back button behaviour is now more consistent on mobile devices

2019-05-17

- It is now possible to see the current alarm of an installation from the installation page
- Only non automatic tags are shown on each installation page, saving some space on small screens

2019-05-16

- Fixed an issue where the down arrow of the remote console was not accessible on some screen resolutions
- Fixed an issue where the 'No data found' text was not visible for some charts
- Auto-reloading of the dashboard chart works again

2019-05-14

- Updated economic report: the columns and the calculation behind them are now more clear

2019-05-02

- Added an economic report in the reporting section of VRM: you can compare your Victron system with some predefined scenarios

2019-05-01

- Better error handling for data uploads

2019-04-30

- Fix bug where installations were marked as alarm on the map on installation overview

2019-04-25

- Time since last full charge for Battery History widget now shows as hh:mm instead of days

2019-04-19

- Fix bug with some states in state widgets that were shown incorrectly

2019-04-15

- Fix a bug where VRM kept reloading and prompting for a new version

2019-04-12

- New inverter widgets: State, Output voltage and current
- Added support for multiple services in Remote VEConfigure
- Added battery charge voltage to BMS charge and discharge limits widget
- Added phase rotation to VE Bus warnings and alarms widget (if applicable)
- Added high DC ripple to VE Bus warnings and alarms widget (if applicable)
- Improved GPS widgets: added current location, it shows a warning if the data is old, and added a terrain mode switch to the map
- Added generator state widget
- Added generator state to dashboard generator block
- Added battery temperature widget
- Added battery temperature to VE Bus summary widget

2019-03-29

- New charger widgets: Output voltage and current, Charger state

2019-03-28

- States with the same name now show as one serie in the state widgets

2019-03-21

- Two new widgets on the advanced page: Solar Charger PV Voltage and Current, BMS Charge and Discharge limits

2019-02-15

- Removed VE.Bus Phase Count from the excel and csv downloads. It doesn't add any value and just takes up space.
- Removed and Log time offset from the excel and csv downloads. It causes many white lines.

2019-01-29

- Added Octo GX to add installation screen
- Device list now shows the proper icon for each type of gateway
- Fixed sorting on the installation overview page
- Added battery current to the battery block on the dashboard

2019-01-26

- Redesigned installation overview on mobile
- Increase System SOC retention time from 6 months to four years.

2019-01-21

- Fix charts not loading on the dashboard in IE
- Fixed a bug that made charts reload on the advanced page while they were zoomed in
- Summary widgets now use the same colors for voltage and current as the graphs on the advanced page

2018-12-12

- Added the Economic report for comparing cost scenarios.

2018-12-10

- Added navigation to the installation overview when searching for an installation in the menu search bar.

2018-11-22

- Added Russian as a language (and improved other translations)
- Added device id to VE.Bus data on the device list page
- You can now add VRM to your home screen on your Android phone (PWA)

2018-10-26

- Show more data points on advanced charts when zooming in
- Renamed username to e-mail
- Allow firmware updates for devices without any firmware installed

2018-10-19

- Fixed blocked field in the add installation flow on small screens

2018-10-17

- Reset zoom on changing the range of the dashboard and advanced graphs

2018-10-16

- Added mobile scroll indication for the firmware update devices table

2018-09-28

- Redesigned the Device list page

2018-09-27

- Added tags list to the Dashboard, Advanced and Device list pages

2018-09-11

- Added a button to manually remove a device from the device list

2018-09-06

- Added more data points per pixel on advanced graphs, makes it easier to spot peaks / anomalies
- Fixed an issue where in some cases state widgets where not updating properly
- Improved UX on installation tag page, with autocomplete as well

2018-09-05

- Added tank level widget
- Added first seen date to device list page

2018-09-04

- Added search box to location set screen

2018-08-29

- Removed the control toggle in the Pending invitations table for monitoring users.

2018-08-24

- Fixed issue for VE.Direct LoRaWAN modules: Battery State “charging” was reported as “discharging”.
- Fixed issue for VE.Direct LoRaWAN modules: Battery Time-To-Go was reported in minutes instead of hours.

2018-08-14

- Changed and adjusted graphs visual aspects: labels, transitions, z-indexes, etc.
- Synchronised and aligned the graphs from the Advanced page.
- Added a vertical synchronised bar on mouse/touch hover for the time graphs from the Advanced page.

2018-08-03

- System overview state of charge line and area moved on top of the columns for better visibility.

2018-07-27

- Improved timezone syncing from the CCGX to VRM

2018-07-16

- Added 'Reconnect' button to the Remote Console disconnected screen.

2018-05-23

- Increased stats API endpoint limits for intervals 15mins and hours. This used to be a maximum date range of 2 days, now it is increased to a maximum of 31 days.
- Updated API docs to explain how to use access tokens

2018-05-22

- Textual changes and confirmation modals added for the General Settings.

2018-05-16

- Delete account with email input precaution.
- Alarm logs now show in the timezone of the installation

2018-04-19

- Added a new column in the admin diagnostics pages: Data attribute code and replaced the Data attribute id column with the Data attribute code in the installation diagnostics page.

2018-02-27

- New widget added: Graph - System - PV Yield

2018-02-13

- Added battery/bms parameters 'High charge current alarm', 'High discharge current alarm', 'Cell Imbalance alarm', 'Internal error alarm' to the list of parameters being watched over by the Automatic alarm monitor. This fixes alarms like this not being shown in the Alarm log on VRM. Note that these alarms only show for devices that support these types of alarms. In this case that will be (some) lithium batteries such as BYD.

2017-12-18

- New widget added: Graph - Solar Charger Loadoutput Current
- Displaying time to go only when necessary and accurate
- Fixed a few Spanish and Portuguese translation terms

2017-11-13

- New widget added: System Overview - DC System

2017-10-19

- Timezone update using the gateway's timezone or user setting if it is not updated on the device
- Added combined summary and graph widget type and an example for the Temperature Sensor

2017-10-04

- Adjusted GPS widget offering logic to show it only when are valid coordinates

2017-10-03

- Added icons for Charger and Temperature Sensor in device list
- Show extended gateway information for all Venus OS devices

2017-09-15

- Added icons for Grid Meter in device list
- Adjusted the API docs (added system overview command documentation)

2017-09-12

- Added instance id to the alarm wizard, so you can see the difference between devices better

2017-09-07

- Show stats of uploaded CCGX databases, so you know what happened
- Only show total of PV Inverter Status if there are multiple phases
- Only offer battery history widget if there is a BMV or Lynx shunt available
- Optimized some InfluxDB queries

2017-08-03

- Added LoRaWAN module to add installation screen

2017-08-02

- Added more values to device list for PV inverter and VE.Bus
- Improved share a site model, works better on your phone now

2017-07-25

- Instead of showing N/A on dashboard when a value is not available, we now fallback to other values if possible
- Made some adjustments to the legend of live feed graph, to correctly reflect what is plotted
- Hide the graph selector on the dashboard when only one graph is available

2017-07-20

- Altered the user overview of in installation so it works properly on your mobile phone
- Made adjustments to installation overview, it now better reflects new gateway types and only shows data when it's there
- State widgets, hours of AC calculation and GPS tracks download are now also loaded from Influx, reducing load times
- Added a summary widget for Tanks on the advanced page

2017-07-12

- Changing the installation name is now reflected properly in the menu

2017-06-28

- Improved readability of VRM API docs

2017-06-27

- Fixed a possible issue while saving notes

2017-06-19

- Switched backend for graphs to Influx, greatly increasing load speed on advanced page

2017-06-13

- Fixed an issue where some share URLs did not work properly

2017-06-07

- Fixed an issue with the XLS export and more recent versions Office

2017-05-31

- Admins now must approve a new user when he/she adds an installation (first user of an installation can still add the installation directly)

2017-05-16

- You can now press and hold buttons on the remote console

2017-04-21

- Improved datepicker on advanced page

2017-04-13

- Enabled Venus GX on add installation page

2017-04-06

- To increase security, installation administrators now must approve new users that added that installation.

2017-03-31

- Added Remote on LAN IP to device list

2017-03-29

- Made error messages of alarm add wizard more clear

2017-03-28

- Dashboard now shows every hour on the x-axis of the graphs

2017-02-27

- Added a kWh download option on the advanced screen

2017-02-15

- Improved the speed of XLSX data downloads
- Removed the total from the live feed graph, it did not make sense there (it is still there on the consumption and solar graphs)

2017-02-01

- Improved the add installation screen: it is now easier to add an installation for different device types
- Make graph tooltips transparent so the underlying graph stays visible

2017-01-25

- Better error handling when the backend is unavailable

2017-01-24

- Added current month to year overview on dashboard

2017-01-23

- Fixed an issue where tooltips of the advanced tab graphs did not respect the installation timezone
- Improvements to registration flow: autologin after e-mail has been verified
- Improvements to reset password flow: autologin after password has been reset and prefill form with e-mailadress

2017-01-19

- Zoom state on advanced tab is now reset when a date range is selected that lies outside the

zoom state range
- Clicking on an installation name in the menu now directly leads to the installation dashboard, saves you a click when switching installations

2017-01-18

- Fixed an issue where the tags API endpoint could return an empty document

2017-01-13

- Added an option to disable the alarm rate limiter if it is active for your installation

2017-01-12

- Added an option to replace a broken CCGX with a new one. While keeping the old history.

2017-01-11

- Fixed an issue on Samsung Mobile devices that could cause the menu to disappear

2017-01-10

- Fixed an issue that caused some installations to disappear from Victron World
- Fixed an issue where the current date was unselectable on the advanced tab
- Improved the scaling of battery voltage graphs
- Fix photo size on user uploaded photos
- Added totals to the tooltips of the graphs on the dashboard page
- Only show 'no data found' if we are not loading
- Allow up to 64MB downloads for CCGX data files. Since these can also be zipped, 64MB is really lots of data (more than a year in most cases)

2017-01-09

- Fix some validation errors while creating an alarm through the wizard

2017-01-06

- Added an option to subscribe to the VRM newsletter on the landingpage

2017-01-04

- Fixed an issue where wrong translations could lead to KEY_NOT_FOUND errors
- Increased the speed of the advanced tab by smarter loading of the graphs

2017-01-03

- Use last timestamp as Last connection info on top of advanced tab
- Fix bug in alarm hysteresis validation

2017-12-23

- Fixed the Victron World link on the frontpage

2016-12-22

- Added genset data to AC source column on installation overview
- Added multi phase support VE.BUS Warnings and alarms widget
- Added last hour option to advanced tab date dropdown (with auto data reload every minute)
- Fixed an issue that resulted in an error (Failed to process file) while uploading a CCGX file

2016-12-20

- Added ability to upload CCGX files in ZIP and GZIP format

2016-12-19 - Complete new version of the VRM Portal

https://www.victronenergy.com/blog/2016/12/19/new-vrm-portal/

2016 Nov. - New VRM API

The Juice API will be phased out in the coming time; there is no date yet.

The new API documentation is available here: https://vrmapi.victronenergy.com/v2/docs

2016-09-09

- Added “Solar Charger Voltage and Current” graph to the advanced tab.

2016-06-07

- Added row indicating unit to the CSV- and Excel data downloads.

2016-06-06

- Updated Spanish translations.
- Added “VE.Bus” prefix to “State” and “DC Voltage and Current” advanced tab items.

2016-06-03

- Renamed two items on the advanced tab:
  - “Warnings and Alarms” to “VE.Bus Warnings and Alarms”
  - “Historic data” to “Battery history”
- Added production history data to the battery history block.

2016-05-11

- The AC Input and Output Frequency graphs now show horizontal grid lines every 10 Hz, for easy reference to the most common standard frequencies.

2016-04-12

- The *Upload CCGX file* now accepts data files with data older then 6 months.

2016-03-31

- Fixed an issue where on the last day (31) of the month, on the Solar Yield an Consumption tab, clicking the last month button would not display the data of the last month.

2016-03-11

- Remedied an issue where some graphs showed gaps in the data where no actual gaps in logging occured.

2016-03-07

- Site admins now have to possibility to permanently remove a site plus all its data.

2016-02-01

- The time range selected in the advanced tab is now persistent, so your preferred time range will stay selected across page reloads and even between different sites.

2016-01-15

- There is a new link on the top menu, *Upload CCGX file*. Use it to upload .sqlite files which are stored by the CCGX on a SDcard or USB stick. This fixes the issue where, even when configured to log to SDcard or USB-stick, it was necessary to first, only once, connect the CCGX to the internet. With the new change, you'll be able to add the site to your account a few minutes after uploading your data file. More information in the CCGX manual, chapter 2.2.2.

2015-12-08

- Alarms settings now allow for decimal and negative values.

2015-12-04

- Implemented a new login feature for use with the VRM app.

2015-12-02

- A lot of changes were implemented over the past few months to support the new Remote Console functionality, released with CCGX v1.30.

2015-11-30

- Increased the number of data points we load for all graphs, eliminating averaging of values in the graphs when viewing 24 hours of data.

2015-11-17

- Updated the Danish translations.

2015-10-30

- Significant performance improvement to data export; initial testing shows downloading a CSV file now takes up to ten times less time.
- Fixed issues with the total line summing in graphs with overlapping gaps.

2015-10-26

- Also added the cumulative total line to the PV Inverter Yield graph.
- Added a correction for the correct display of times in a graph which contain a change of time zone (due to DST).

2015-10-23

- Added a cumulative total line to graphs which contain summable data, which can be toggled using the label in the header of the graph.
- Changed the layout of the PV Inverter widget to improve readability.
- Fixed an issue with the VE.Bus State graph displaying non-existing data points when a gap in the data logging was detected.
- Show absolute times instead of relative times when the last update is more than six hours ago.

2015-10-20

- Optimization in retrieval of yearly data for the solar yield and consumption graphs, reduced loading time from about 25 seconds to near zero.

2015-10-19

- Added initial support for the upcoming “Remote Console” functionality for CCGX-owners.

2015-10-12

- When available, connection identifiers (or instance numbers) are shown on the alarm log

2015-09-22

- Combined SOC and the TTG on the Battery status widget on the advanced tab: it fits in one widget so no longer scrolls
- Entering Company name is no longer required for new users during registration
- Remember filled out email on opening forgot password form

2015-09-11

- Fixed zooming out on any graph, not just the graph that the zoom was performed on.
- Only zoom on the X-axis, making sure data is always in view on other graphs.
- Only show one phase for frequency since they're all the same.
- Fixed “today” button misbehaving when the page was open overnight.

2015-09-08

- Instead of having data for each phase on a separate tab, have it all together in one tab. Click the phase on the top to show/hide each phase. Adding a cumulative total as a stacked graph is also on the todo list.

2015-09-03

- Automatically determine the best number of x-axis ticks for the graphs. This fixes the weird looking times on the bottom of the graphs.

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