

VRM Portal changelog

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-mailaddress

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 than 6 months.

2016-03-31

- Fixed an issue where on the last day (31) of the month, on the Solar Yield and 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 occurred.

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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