


Comark Cloud vs New Comark Cloud for RF300 Comparison Guide

Contents

Introduction.....	1
Sign In – Comark Cloud.....	2
Sign In – Comark Cloud for RF300	3
Home – Comark Cloud.....	4
Home – Comark Cloud for RF300	5
Devices – Comark Cloud	6
Devices – Comark Cloud for RF300.....	7
Device Instance – Comark Cloud	8
Device Instance – Comark Cloud for RF300.....	8
Device Settings – Comark Cloud.....	9
Device Settings – Comark Cloud for RF300	10
Data View – Comark Cloud	11
Data View – Comark Cloud for RF300	12
Event Log – Comark Cloud.....	13
Event Log – Comark Cloud for RF300	14

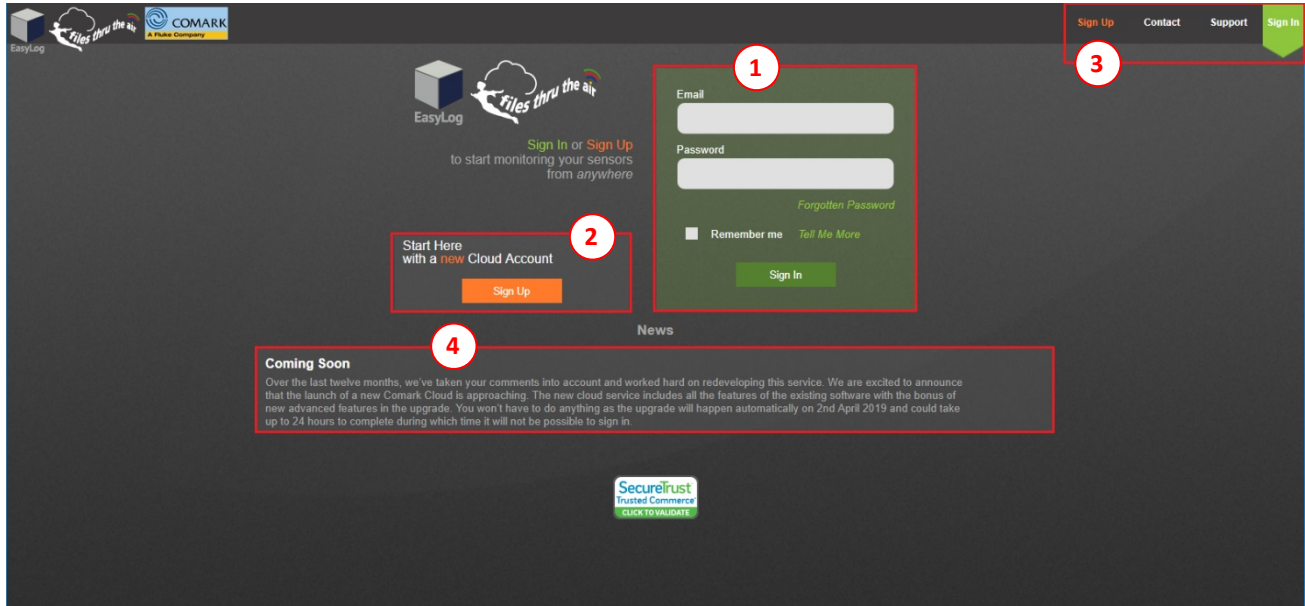
Introduction

The purpose of this document is to provide a concise comparison of the original Comark Cloud service and the new Comark Cloud for RF300 service. More detailed information regarding undertaking specific operations on Comark Cloud are detailed with video tutorials available in the Comark Cloud support area. Functionality that is specifically new or implemented differently on Comark Cloud is marked with .

Comark Cloud vs New Comark Cloud for RF300

Comparison Guide

Sign In – Comark Cloud



The screenshot shows the Comark Cloud sign-in page. It features a dark grey background with a navigation bar at the top right containing links for 'Sign Up', 'Contact', 'Support', and 'Sign In'. The main content area includes a sign-in form with fields for 'Email' and 'Password', a 'Remember me' checkbox, and a 'Sign In' button. A 'Forgot Password' link is also present. Below the sign-in form is a 'Sign Up' button. A 'Coming Soon' message is displayed at the bottom, stating that the service is being redeveloped and will be available again on 2nd April 2019. A 'SecureTrust' logo is visible at the bottom center.

1) User sign in form.

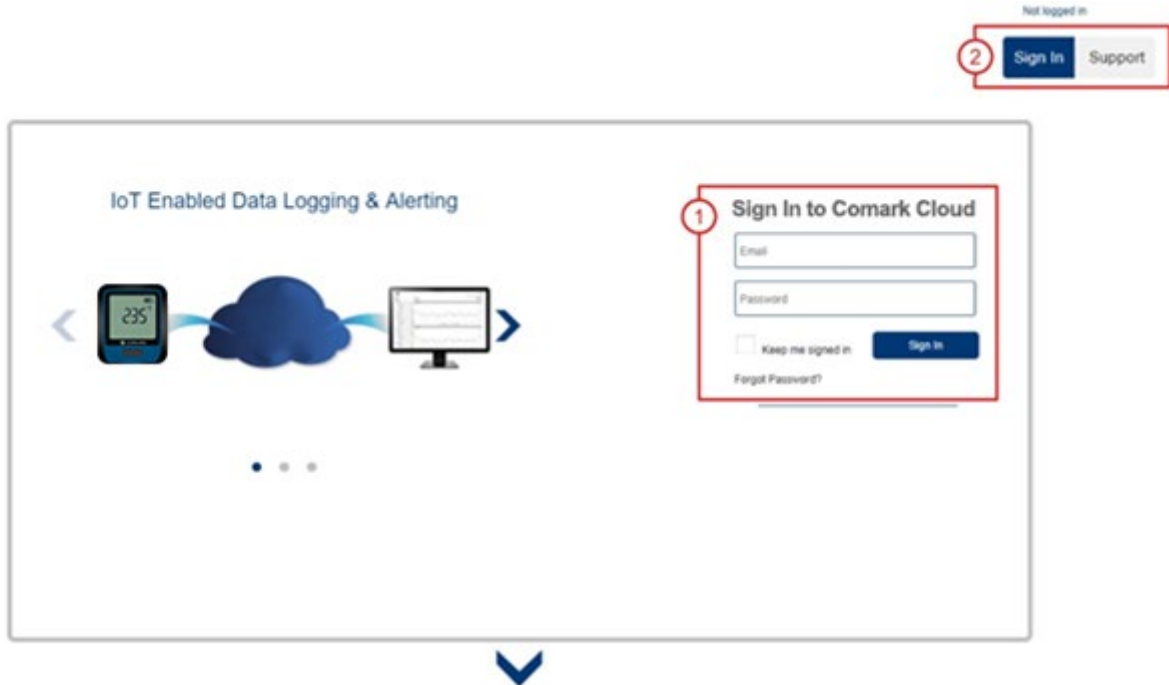
2) Sign up link.



3) Navigation when not signed in: Sign up, Contact, Support, Sign in.

4) News and maintenance notifications.

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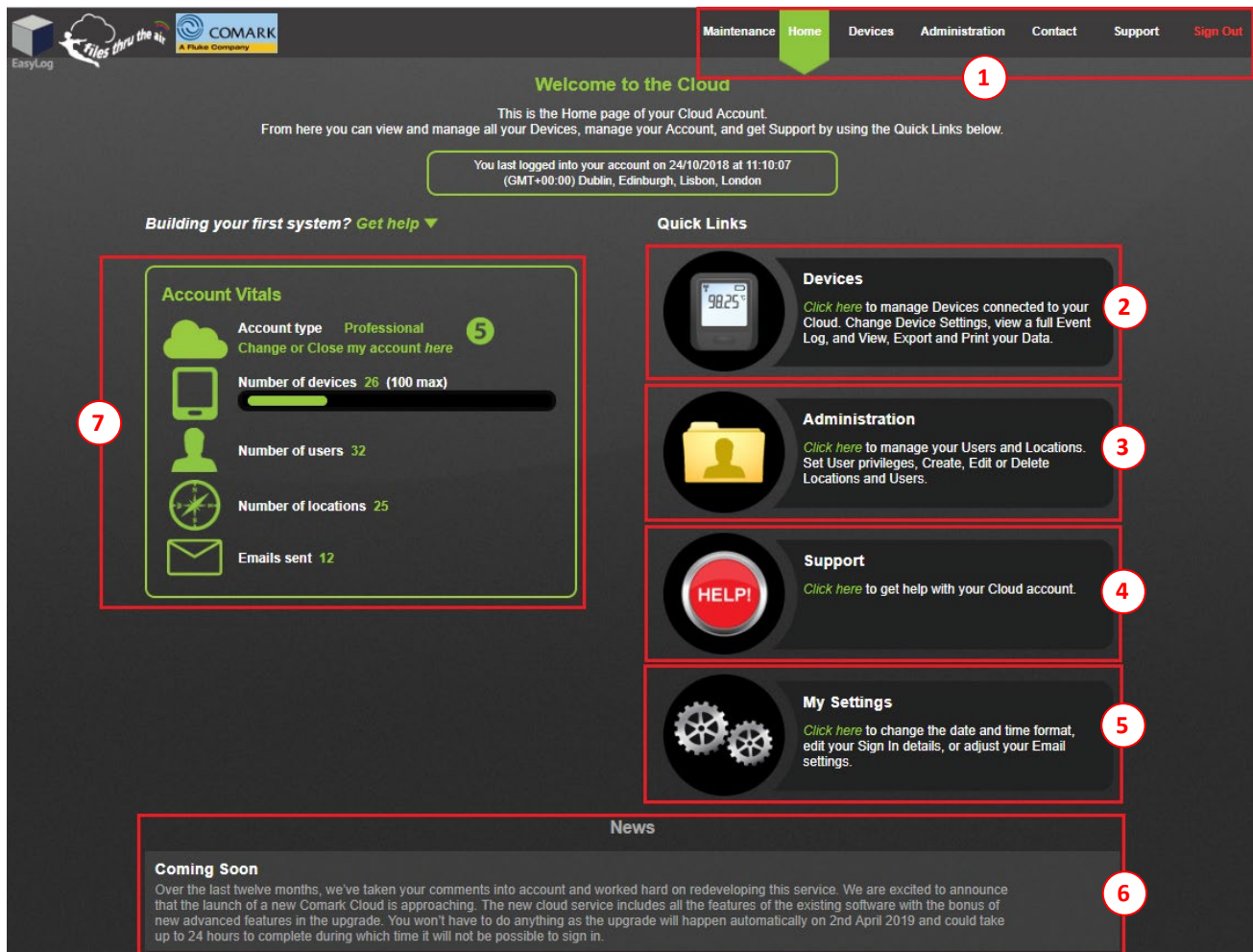
Sign In – Comark Cloud for RF300



- 1) User sign in form.
 - 2) Navigation when not signed in: Sign In, Support.  Contact in is the support sections on Comark Cloud.
-  News and maintenance notifications are only displayed on the home page on Comark Cloud.

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Home – Comark Cloud



The screenshot shows the Comark Cloud Home page. At the top is a navigation bar with links: Maintenance, Home (highlighted), Devices, Administration, Contact, Support, and Sign Out. Below the navigation bar is a 'Welcome to the Cloud' message and a login timestamp. The main content area is divided into two columns. The left column contains 'Account Vitals' with a red box around it (callout 7). The right column contains 'Quick Links' with four items: Devices (callout 2), Administration (callout 3), Support (callout 4), and My Settings (callout 5). At the bottom is a 'News' section with a 'Coming Soon' announcement (callout 6).

Account Vitals

Icon	Field	Value
Cloud icon	Account type	Professional
Phone icon	Number of devices	26 (100 max)
User icon	Number of users	32
Location pin icon	Number of locations	25
Envelope icon	Emails sent	12

Quick Links

- Devices**: Click here to manage Devices connected to your Cloud. Change Device Settings, view a full Event Log, and View, Export and Print your Data.
- Administration**: Click here to manage your Users and Locations. Set User privileges, Create, Edit or Delete Locations and Users.
- Support**: Click here to get help with your Cloud account.
- My Settings**: Click here to change the date and time format, edit your Sign In details, or adjust your Email settings.

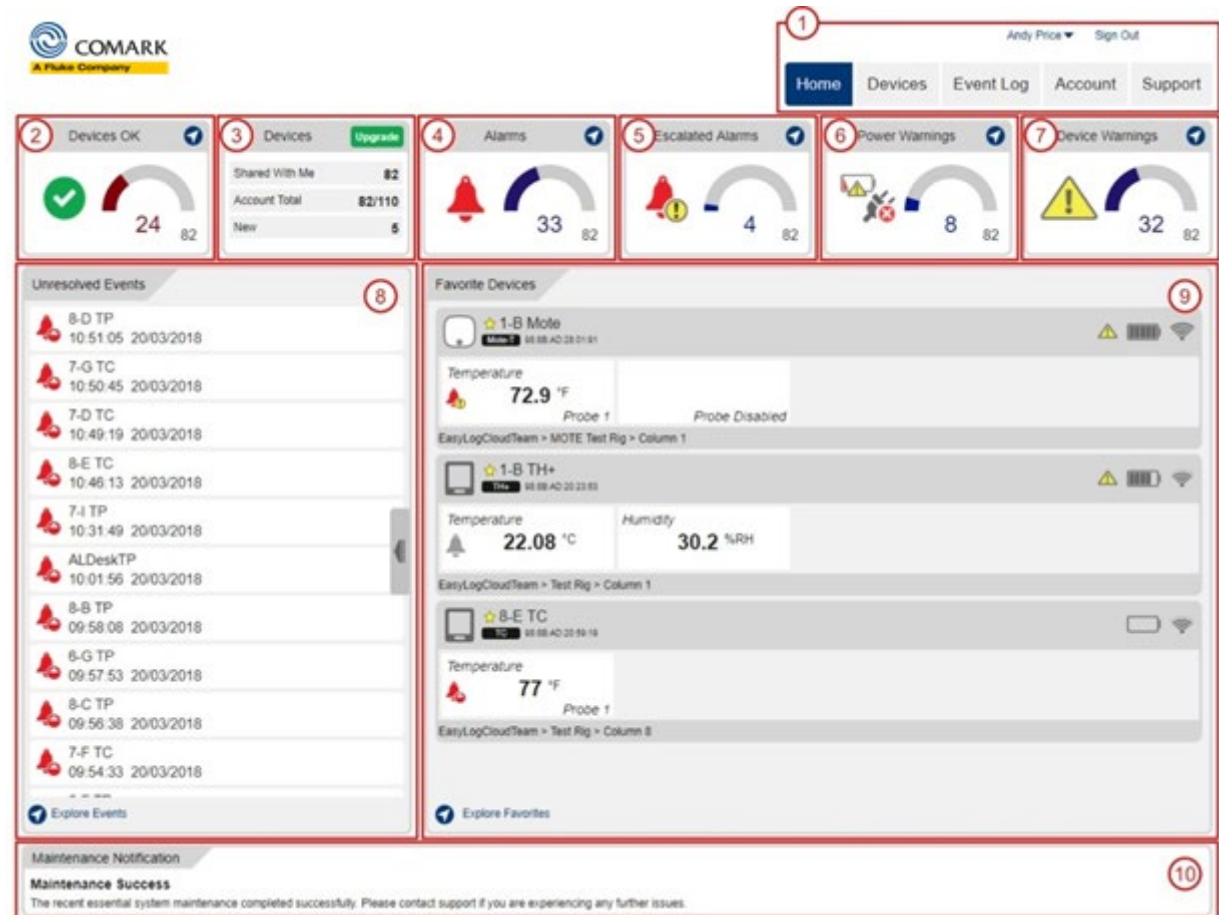
News









Coming Soon
Over the last twelve months, we've taken your comments into account and worked hard on redeveloping this service. We are excited to announce that the launch of a new Comark Cloud is approaching. The new cloud service includes all the features of the existing software with the bonus of new advanced features in the upgrade. You won't have to do anything as the upgrade will happen automatically on 2nd April 2019 and could take up to 24 hours to complete during which time it will not be possible to sign in.

- 1) Navigation when signed in: Maintenance, Upgrade, Home, Devices, Administration, Account, Contact, Support, Sign out.
- 2) Devices page link.
- 3) Administration page link. This link is used to manage locations and users.
- 4) Support link.
- 5) My settings link. This link is used to manage personal account preferences.
- 6) Account vitals.
- 7) News and maintenance notifications.

Comark Cloud vs New Comark Cloud for RF300 Comparison Guide

Home – Comark Cloud for RF300



- 1) Navigation when signed in: Home, Devices, Event Log, Account, Support.  Account holds all settings from Administration/Account/My Settings on Comark Cloud for RF300.
- 2)  Devices on this account with no current alarm or warning notifications. Links to the Devices page, pre-filtered to show all OK devices.
- 3) Account device statistics. The green button on this panel links to the Account page allowing users with appropriate privileges to add more device capacity to the account.
- 4)  Devices on this account in alarm condition. Links to the Devices page, pre-filtered to show all devices in alarm.
- 5)  Device on this account with escalated alarms. Links to the Devices page, pre-filtered to show all devices with an escalated alarm.
- 6)  Devices on this account with power related warnings. Links to the Devices page, pre-filtered to show all devices with power related warnings.
- 7)  Devices on this account with hardware related warnings. Links to the Devices page, pre-filtered to show all devices with hardware related warning.
- 8)  List of most recent unresolved events. Links to the Event Log page. This panel can be minimised.
- 9)  List of favourite devices.
- 10) News and maintenance notifications.

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Devices – Comark Cloud



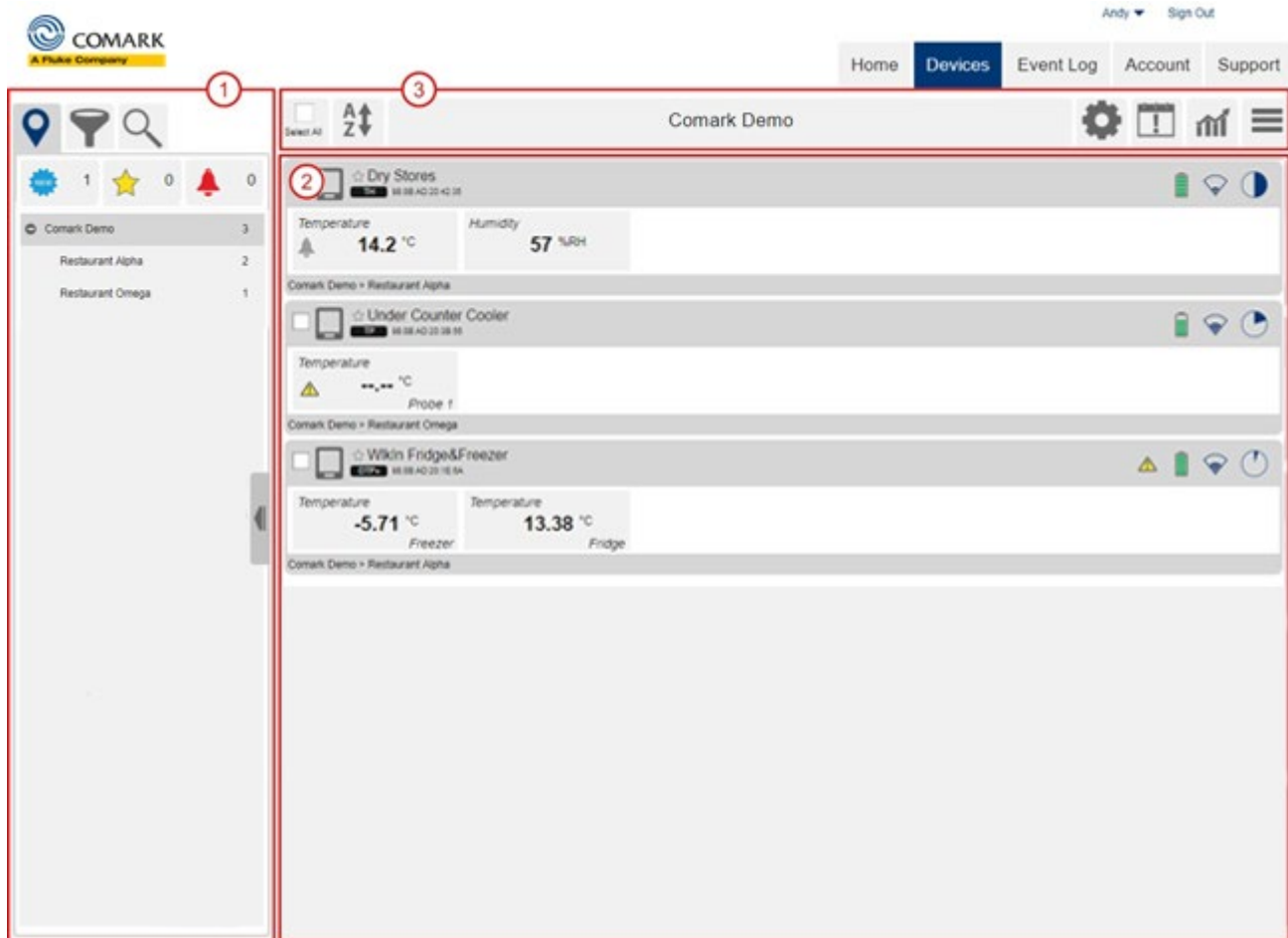
The screenshot displays the 'Devices' page in the Comark Cloud interface. It features a navigation tree on the left (1) with 'NEW DEVICES' and 'Production Sensors' options. The main area (2) shows a table of devices with columns for Device, Name, Signal, Power, Alarm, Reading 1, Reading 2, and Status. The bottom bar (3) contains action icons for Archive/Delete, Change Device Settings, View Data, Event Logs, Reset Alarm, and Properties.






Device	Name	Signal	Power	Alarm	Reading 1	Reading 2	Status
ASSY OVEN-003	DTIC 98.88.AD.20.35.57	Good	Disabled	Disabled	20.1°C	20.3°C	Connection Lost
ASSY OVEN-006	DTIC 98.88.AD.20.35.A7	Good	POWER OK	Disabled	27.5°C	27.4°C	Good
Atic TH+	98.88.AD.00.80.EA	Good	POWER OK	Enabled	16.28°C	44%RH	Good
Ben - Madelec	DTIC 98.88.AD.20.35.5A	Good	POWER OK	Disabled	25.2°C	25.4°C	Good
Coating Room TH	TH+ 98.88.AD.00.80.57	Good	POWER OK	Enabled	18.48°C	36.7%RH	Connection Lost
Despatch	TH+ 98.88.AD.20.21.B6	Good	POWER OK	Enabled	20.55°C	34.2%RH	Good

- 1) Locations navigation tree. Clicking specific locations in this tree populates the device list with devices from that location.
- 2) Device list. Lists the devices from the selected location. The list is paginated. Device entries are described later in this document.
- 3) Device action menu: Archive/Delete, Settings, View Data, Event Logs, Reset Alarm, Properties.

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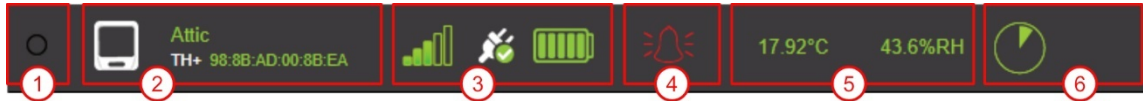
Devices – Comark Cloud for RF300



- 1) Locations navigation tree. Clicking specific locations in this tree populates the device list with devices from that location.  Alarm indicators have been added to the location tree enabling accounts with multiple locations to quickly identify the location of devices in alarm condition.  Two further tabs can be seen behind the location tree. Filter - offering the ability to filter the device list by device state, and Search - offering the ability to search for specific devices by name, MAC address, or type.
- 2) Device list. Lists the devices from the selected location. The list is scrollable. Device entries are described later in this document.  A device properties call-out is displayed when clicking on a device frame.  Alarms can be acknowledged and reset by clicking on individual measurement cells.
- 3) Device action menu. Select All, Sort, Settings, Event Log, View Data, Burger Menu (including: Add to Favourites, Acknowledge Alarm, Reset Alarm, Update Firmware, Archive Device, Clear Device, Delete Device).  Comark Cloud extends Comark WiFi Cloud by allowing users to select multiple devices to undertake actions on, including View Data / graphing.

Comark Cloud vs New Comark Cloud for RF300 Comparison Guide



Device Instance – Comark Cloud



- 1) Device selection radio button.
- 2) Device details.
- 3) Device status indicators.
- 4) Alarm indicators.
- 5) Measurement channel latest readings. **Note:** Device channel limit on Comark WiFi Cloud is two channels.
- 6) Device to cloud synchronisation timer.

Device Instance – Comark Cloud for RF300



- 1) Device selection radio button.
- 2) Device details.
- 3) Device status indicators.
- 4) Device to cloud synchronisation timer.
- 5) Measurement channel latest readings.  Device channel limit on Comark Cloud for RF300 is sixteen channels. 
Alarm indicators are show in the offending channel cell. Clicking on the cell allows users to directly acknowledge of reset alarms.
- 6) Device location string.

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Device Settings – Comark Cloud



Change Device Settings

		Temperature		Humidity	
Device Name	Attic	Temp Scale	°C - Celsius	Low Alarm	30%RH
Device Type	WiFi-TH+	Low Alarm	18°C	High Alarm	70%RH
Sample Rate	1 Minute	High Alarm	30°C	Alarm Delay	No Delay
Trans Period	5 Minutes	Alarm Delay	No Delay	Alarm Hold	Disabled
		Alarm Hold	Disabled		
Location	Production Sensors (GMT+00:00) Dublin, Edinburgh, Lisbon, London				
Permanently Powered	<input type="checkbox"/>				
Enable Audit Check	<input type="checkbox"/>				

CANCEL **APPLY**

Click APPLY to schedule changes to be sent to the device



Device Name



Temperature Scale



Sample Rate & Transmissions



Alarm Settings



Email Alerts

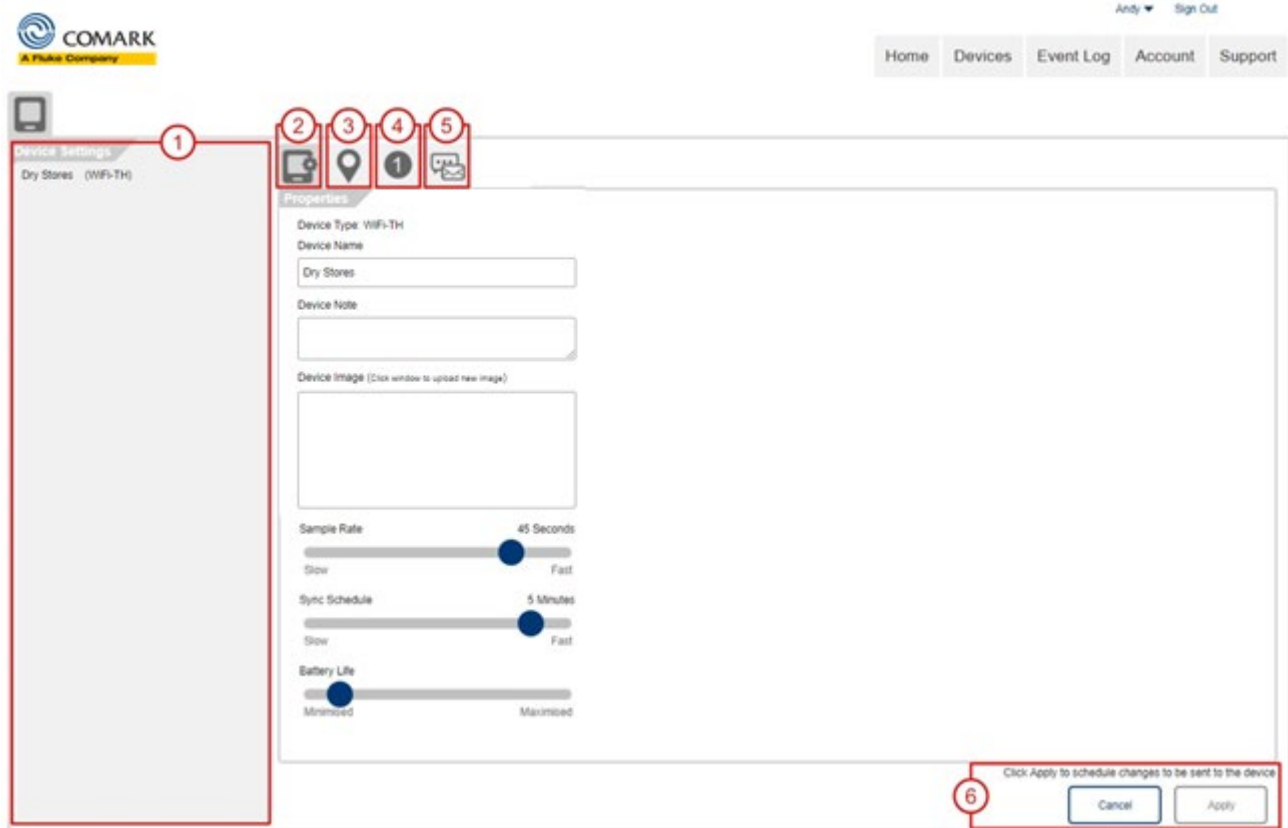



Device Location






- 1) Current settings for selected devices.
- 2) Change device Name.
- 3) Change device Temperature Scale (°C/°F).
- 4) Change device Sample Rate and Transmission Rate (the rate at which the device synchronises to the Comark Cloud)
- 5) Change device Alarm Settings.
- 6) Change device Notification Settings.
- 7) Change device Location Settings.

Comark Cloud vs New Comark Cloud for RF300 Comparison Guide

Device Settings – Comark Cloud for RF300



 Current device settings can be seen on each tab (items 2 to 5).

- 1)  List of currently selected devices. If more than one device is selected, some settings fields will be un-editable.
- 2) Change device properties including: Device Name,  Device Note,  Image, Sample Rate, Sync Schedule,  Scheduled Recording (if device is compatible), Audit Check, Prevent Alarm Reset from Device, Permanently Powered.
- 3) Change device Location Settings.
- 4) Change device Measurement Settings including: Measurement Name, Measurement Scale, Alarm Enable and Level, Alarm Hold, Alarm Delay.
- 5) Change device Notification Settings.  Comark Cloud for RF300 offers extended notification capabilities.

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Data View – Comark Cloud








- 1) Graph view tab. Graphed data for the selected device. This is the active tab when landing on the data view page.
- 2) Data view tab. Tabular data for the selected device. Comments can be made against specific data records on this tab.
- 3) Summary view tab. Summary of data recorded for the selected device.
- 4) Sessions tab. New recording sessions are started for a variety of reasons. Data is displayed for the most recent session by default. Older sessions can be loaded from this tab.
- 5) Data Print and Export controls.
- 6) Date/Time zoom controls.
- 7) Display options including: Channels Displayed, Alarm Levels, Mark Samples, Show Peaks.
- 8) Data Navigator control.

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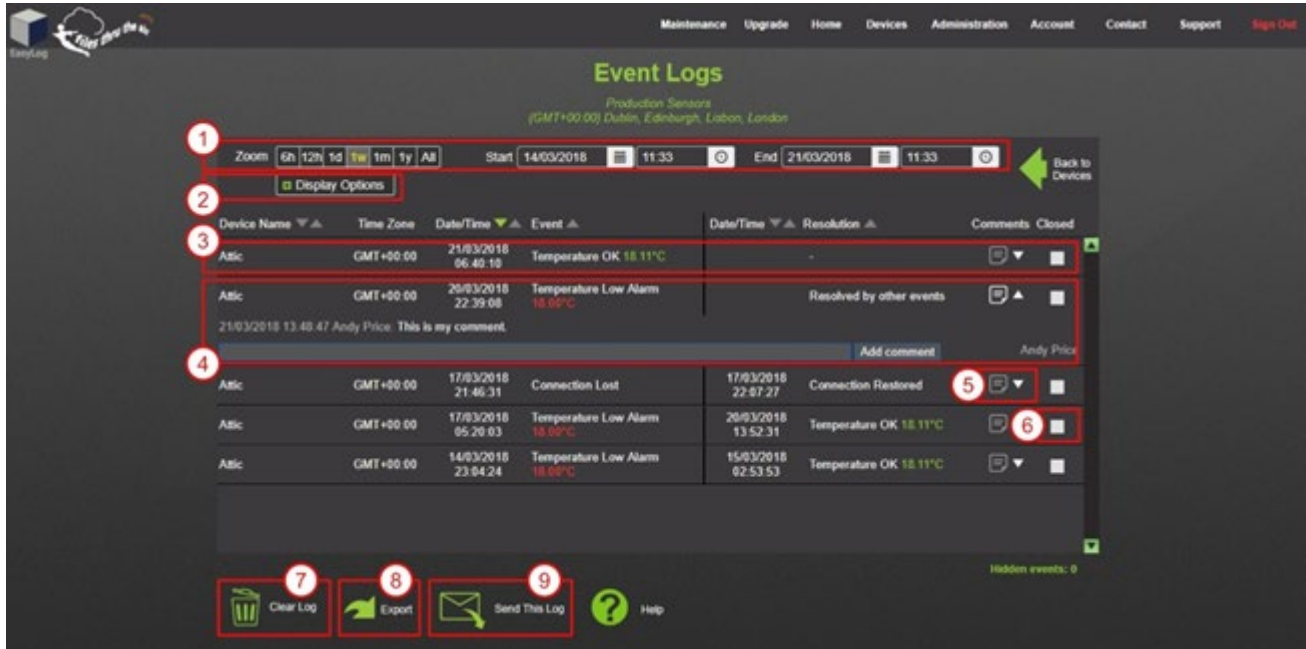
Data View – Comark Cloud for RF300



- 1)  Data View selection tree. Up to five data views can be displayed. Each data view can show up to 16 data series. Each data view shows a single device from the devices selected on the Devices page by default. A single data view can also show data series from multiple devices.
- 2) Session selection control. This activates a callout allowing the selection of a specific recording session.  Comark Cloud for RF300 merges data from all sessions (with exceptions such as daylight saving) by default.
- 3) Print control. Prints the current data views.
- 4)  Global burger menu. This includes: View Mode (Graph, Tabular, Summary), Reset Zoom and Print All.
- 5)  Data View specific burger menu. This includes: View Mode (Graph, Tabular, Summary), Export, Show Alarm Levels, Mark Samples (future release), Reset Zoom, Print and Close View.
- 6) Date/Time zoom controls. These are normally hidden and displayed when the top bar of a Data View frame is clicked.
- 7) Data Navigator control.  This is normally hidden and displayed when the top bar of a Data View frame is clicked.

Comark Cloud vs New Comark Cloud for RF300 Comparison Guide

Event Log – Comark Cloud

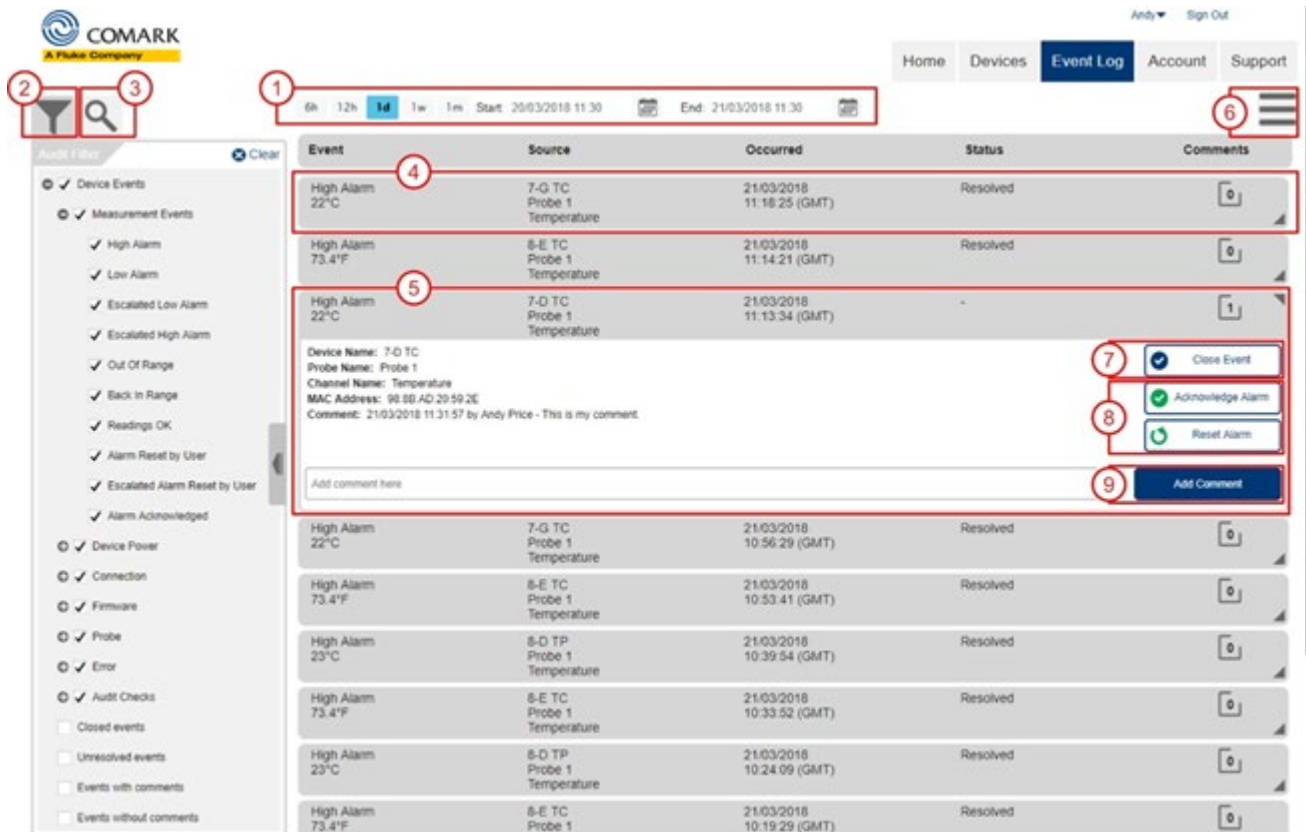


The screenshot displays the 'Event Logs' page in the Comark Cloud interface. The page title is 'Event Logs' with a subtitle 'Production Sensors (GMT+00:00) Dublin, Edinburgh, Lisbon, London'. The interface includes a navigation bar at the top with links: Maintenance, Upgrade, Home, Devices, Administration, Account, Contact, Support, and Sign Out. The main content area shows a table of event logs with columns: Device Name, Time Zone, Date/Time, Event, Date/Time, Resolution, Comments, and Closed. The table contains several entries, including 'Temperature OK 18.11°C', 'Temperature Low Alarm 18.00°C', and 'Connection Lost'. A comment is added to one of the entries: '21/03/2018 13:48:47 Andy Price. This is my comment.' The interface also features a 'Zoom' control (1), 'Display Options' (2), and a 'Back to Devices' button. At the bottom, there are buttons for 'Clear Log' (7), 'Export' (8), 'Send This Log' (9), and 'Help'.

- 1) Date/Time zoom controls.
- 2) Display options including: Alarms, Audit Events, Power Events, Battery Events, Device Problems, Loss of Connection, Closed Events, Resolved Events.
- 3) A single event log record.
- 4) An expanded event log record, showing the addition of a comment.
- 5) Add comment control.
- 6) Close event control.
- 7) Clear log.
- 8) Export log.
- 9) Send log to email recipient.





Comark Cloud vs New Comark Cloud for RF300 Comparison Guide

Event Log – Comark Cloud for RF300



The screenshot displays the 'Event Log' page in the Comark Cloud for RF300 interface. The page includes a top navigation bar with 'Home', 'Devices', 'Event Log', 'Account', and 'Support'. A user profile 'Andy' and 'Sign Out' link are in the top right. A left sidebar contains a filter menu with categories like 'Device Events', 'Measurement Events', 'Device Power', 'Connection', 'Firmware', 'Probe', 'Error', and 'Audit Checks'. The main area shows a table of events with columns: Event, Source, Occurred, Status, and Comments. One event is expanded to show details like 'Device Name', 'Probe Name', 'Channel Name', 'MAC Address', and a user comment. Action buttons for 'Close Event', 'Acknowledge Alarm', 'Reset Alarm', and 'Add Comment' are visible next to the expanded event.

Event	Source	Occurred	Status	Comments
High Alarm 22°C	7-G TC Probe 1 Temperature	21/03/2018 11:18:25 (GMT)	Resolved	[0]
High Alarm 73.4°F	8-E TC Probe 1 Temperature	21/03/2018 11:14:21 (GMT)	Resolved	[0]
High Alarm 22°C	7-G TC Probe 1 Temperature	21/03/2018 11:13:34 (GMT)	-	[1]
Expanded Event Details: Device Name: 7-G TC Probe Name: Probe 1 Channel Name: Temperature MAC Address: 98 86 AD 20 59 2E Comment: 21/03/2018 11:31:57 by Andy Price - This is my comment. Add comment here				
High Alarm 22°C	7-G TC Probe 1 Temperature	21/03/2018 10:56:29 (GMT)	Resolved	[0]
High Alarm 73.4°F	8-E TC Probe 1 Temperature	21/03/2018 10:53:41 (GMT)	Resolved	[0]
High Alarm 23°C	8-D TP Probe 1 Temperature	21/03/2018 10:39:54 (GMT)	Resolved	[0]
High Alarm 73.4°F	8-E TC Probe 1 Temperature	21/03/2018 10:33:52 (GMT)	Resolved	[0]
High Alarm 23°C	8-D TP Probe 1 Temperature	21/03/2018 10:24:09 (GMT)	Resolved	[0]
High Alarm 73.4°F	8-E TC Probe 1 Temperature	21/03/2018 10:19:29 (GMT)	Resolved	[0]

- 1) Date/Time zoom controls.
- 2)  Filters expands on the display options on Comark WiFi Cloud adding increase granularity on event types.
- 3)  Search for events relating to specific devices, locations or users.
- 4) A single event log record.
- 5) An expanded event log record, showing the addition of a comment.
- 6) Menu with the following options: Export log, Send log to email recipient.  Clear log has been removed from Comark Cloud for RF300.
- 7) Close event.
- 8)  Alarm based events can be acknowledged or reset from the event log.
- 9) Add comment control.