

Release Note

Quasar Rapid Capture

Quasar Rapid Capture (QRC) is a Quasar developed application to capture high speed electrical parameters before, and after an under/over frequency event. Our solution can be used for both Automated Under Frequency Load Control events (AUFLS)/Extended Reserves (ER), and Instantaneous Reserves (IR) events.

QRC leverages the power of advanced ION Technology, burst capture, and meter configuration to capture high speed data seconds before, during, and following an event.

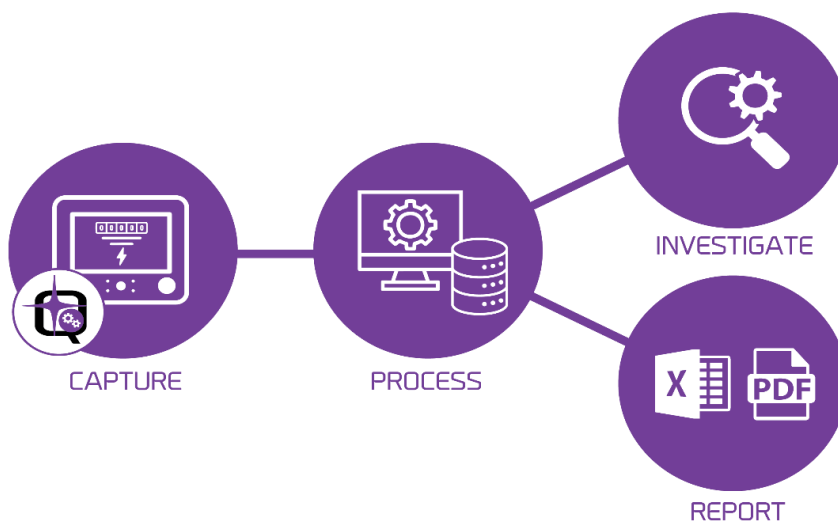
Quasar's previous solutions, FCAS and RCC, have been superseded by QRC. Key changes include:

- == Now integrated natively into PME using ION protocol.
- == No longer requires the use of SMTP (email) data and post processing from email to database.
- == PME integration now includes the ability to investigate and display historical frequency events through the web application.
- == Redundant PME architectures are now supported.

QRC integrates seamlessly with Schneider Electric's market leading ION9000 series meters and Power Monitoring Expert (PME) software to ensure information is captured and delivered to the user for review within minutes following the conclusion of the event data capture.

- == Supported through Quasar's Managed System Support program (MSS).
- == Automated reporting and integrated alarms through PME.
- == Adjustable thresholds to ensure market requirement but also the customers expectation.
- == Proven solution for both the New Zealand and Australian markets.

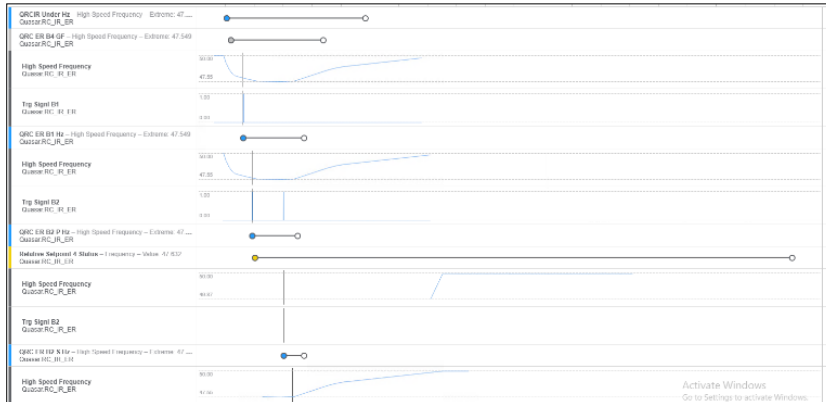
QRC is a fully automated process from event detection, data capture, report production. The PME software also enables historical event investigation and display.



Event recordings are provided in three ways.

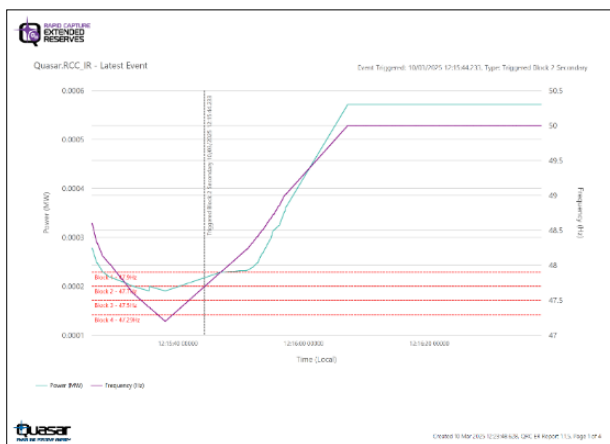
PME Web Interface

Navigate through the PME alarms interface to drill into an event and display a graphical plot of any historical captured event allowing direct analysis.



Detailed Event Report.

A PDF generated report illustrating graphically the most recent events, including data capture statistics.



Summary - Quasar.RCC_IR - Latest Event			
Triggered:	10/09/2025 12:15:44.238	Data Start:	10/09/2025 12:15:26.364
Data End:	10/09/2025 12:16:37.768	Total Records:	7001
Meter Settings			
Block 1	Enabled:	No	Pickup (Hz): 47.50 On Delay: 0.10
Block 2 Primary	Enabled:	Yes	Pickup (Hz): 47.70 On Delay: 0.10
Block 2 Secondary	Enabled:	No	Pickup (Hz): 47.90 On Delay: 14.00
Block 3 Primary	Enabled:	Yes	Pickup (Hz): 47.50 On Delay: 0.10
Block 3 Secondary	Enabled:	Yes	Pickup (Hz): 47.50 On Delay: 14.00
Block 4 Primary	Enabled:	Yes	Pickup (Hz): 47.30 On Delay: 0.10
Block 4 Secondary	Enabled:	Yes	Pickup (Hz): 47.50 On Delay: 14.00
Block 4 Rate Of Change	Enabled:	No	Pickup (Hz/s): 1.20 On Delay: 0.10
Values			
Frequency (Hz)	Minimum:	47.20	Maximum: 50.00
Active Power (MW)	Minimum:	0.00	Maximum: 0.00

Data Report

A Microsoft Excel report of the underlying source data that can be used in preparation for market submission.

Summary

Whether you're a Distribution Business required to report AUFLS events following the regulatory changes on June 30th, 2025, or intending to bid into the under-frequency market through Instantaneous Reserves, Quasar Rapid Capture will provide your business with the relevant data that will support your submission.