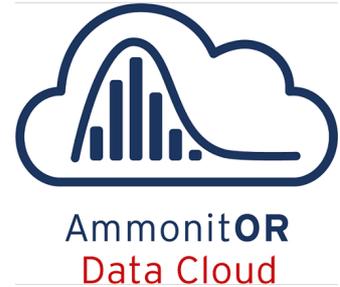# AmmonitOR Data Cloud

Data Cloud for monitoring of measurement campaign

Description

AmmonitOR offers a vast spectrum of features to monitor and maintain your site measurement projects.

Data Backup, secure data receipt by Meteo-40 plus data loggers, analysis tools, like plots and statistics calculations, automatised report system as well as data exports in many different common data formats are few of the crucial features to manage your measurement site.

• For access to AmmonitOR, you will need to register here: https://or.ammonit.com/access/login/
• After registration, this project is with open access: https://or.ammonit.com/EWNP/device/

You can purchase the AmmonitOR software and run an instance yourself. Please contact our sales team for details.

Ammonit Measurement GmbH
measuring wind and solar power

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Specifications

Monitoring

System performance check	MEASNET compliant data quality check	Status information with data snapshots
Weekly system and data reviews	Data completeness check	Timeline with event documentation

Data Inspection

Plots for visual data inspection	Wind speed analysis and histograms	Plots for solar measurements
Power curve measurement plots	Statistical data	Measurement data overviews

Documentation

Automatic generation of PDF reports	Compact, standard, detailed reports	Weekly, bi-monthly, monthly reports
Reports for wind, solar, PCM campaigns	Photos for project documentation	Journal and logbook

Archiving

Export of data in selectable file formats, e.g., CSV, XLS	Official file format for MGM (Turkey) and EPE (Brazil)	Upload and storage of data files incl. gust data, secondary statistic files

General

Alarms for system parameters	Alarms for data quality filters	Filters to check data plausibility

Account Management

Different user roles	Restricted user rights	Convenient user management

Data Security

Encrypted HTTPS connection using industry standard Open SSH protocol	Encrypted browser sessions with SSL protocol	Encrypted SCP file upload from Meteo-40 data loggers
Public key cryptography for data imports from Meteo-40	Digital signature and encryption for data export files	End-to-end encrypted connection for file downloads

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