AquaWeb Monitoring and Surveillance System Type ABS CMS 241 - 253

SULZER

AquaWeb is an advanced web based monitoring and surveillance system with both remote control as well as alarm handling capabilities.

The system is mainly aimed at pumping stations within wastewater collection networks and for flood protection but can also be used to monitor other rotating equipment as for instance air compressor. It includes a whole range of services including everything from pump controllers and modems at the station, via a communication server, to a web interface.

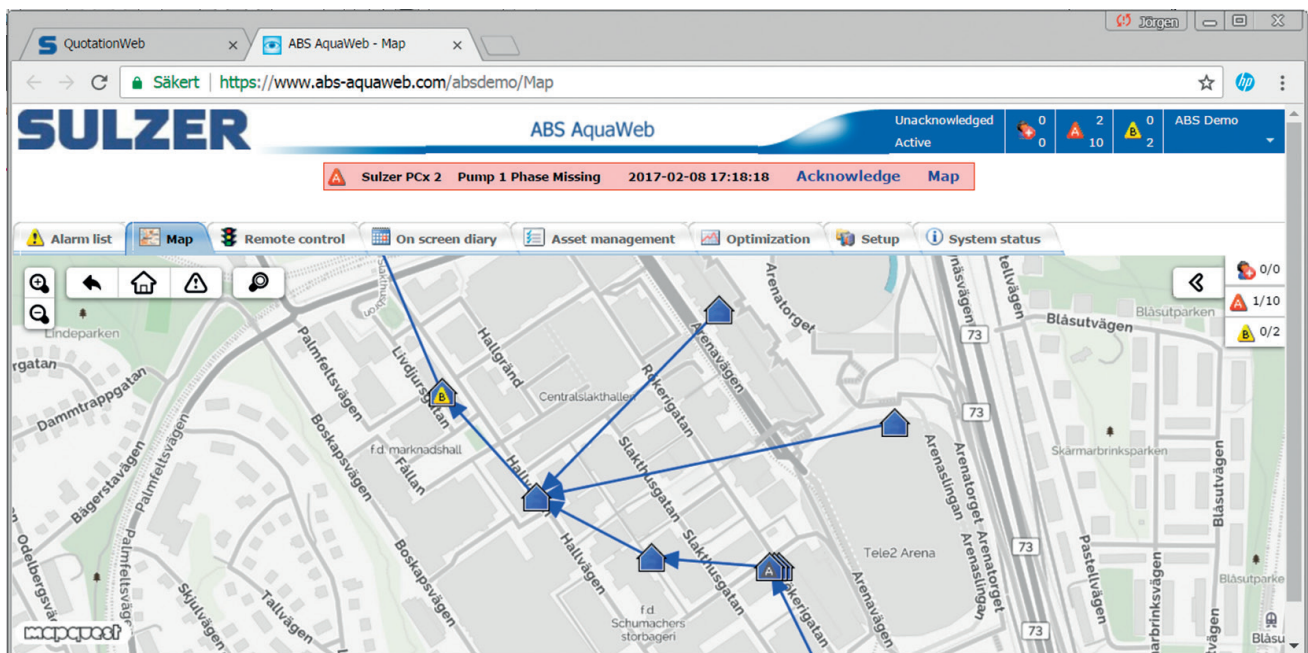**AquaWeb**

Monitoring and Surveillance System

AquaWeb can be used to

- Show the status of the whole collection network on a map
- Show the status of specific stations
- Advanced alarm handling
- Categorization of alarms and reason
- Collect and present events
- Collect and present log data
- Automatic time or event driven maneuvers

Advantages for collection operation

- Always reachable via internet
- Low investment cost
- No upgrade costs
- No maintenance costs
- Fixed running cost
- Top of the range service and operation
- High built-in security

Basic version CMS 24X

The basic version CMS 24X "Monitoring & Reporting" includes remote on-line monitoring with support for geographical map and an interface to stations, indication of historical report and trending with basic alarm indication.

AquaWeb
Monitoring

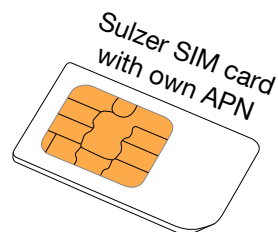| Description	Part number
CMS 241 "Monitoring & Reporting 15 MB"	62007041
CMS 242 "Monitoring & Reporting 100 MB"	62007043
CMS 243 "Monitoring & Reporting 200 MB"	62007044

Upper level CMS 25X

The upper level CMS 25X "Remote Control & Alarms" includes the functionality of the basic version plus remote control support for advanced alarm categorization, multi mimics as well as remote pump/station blocking features.

AquaWeb
Remote Control & Alarms

Description	Part number
CMS 251 "Remote Control & Alarms 15 MB"	62007042
CMS 252 "Remote Control & Alarms 100 MB"	62007045
CMS 253 "Remote Control & Alarms 200 MB"	62007046

Included in both levels:

- App. interface
- Central online tracking tool of all connections
- Remote connectivity of AquaProg via Ethernet
- Parallel viewing and configuration interface

AquaWeb 3G SIM card (Telenor connexion)

The SIM card including set-up instructions for connection to AquaWeb for the Sulzer Control & Monitoring devices.

Sulzer SIM card with own APN

AquaWeb functionality overview table

AquaWeb functions	AquaWeb CMS 241 "Monitoring and Reporting" includes:	AquaWeb CMS 251 "Remote control & Alarms" includes:
Remote on-line monitoring with support for geographical map	Yes	Yes
Interface to stations	Yes	Yes
Indication of historical report	Yes	Yes
Indication of trend graphs	Yes	Yes
Basic alarm indication	Yes	Yes
Multi mimics functionality	Yes	Yes
Possible to remotely change set-points and execute maneuver's	No	Yes
Advanced alarm handling	No	Yes
Advanced automatic maneuver logic	No	Yes
App. support, IOS and Android	Yes	Yes
AquaProg support	Yes	Yes