Condition Monitoring System

WebLog Server

Condition monitoring products from Bachmann enable comprehensive condition monitoring of machines and plants based on the intelligent combination of data and information. The WebLog Server as the core component of Bachmann's WebLog Suite analysis platform bundles all this data from the condition monitoring systems (CMS), structural health monitoring systems (SHM) and the process or SCADA data from the operation of the plant. This information enables a holistic evaluation of the machine condition.

With the integrated WebLog Portal, the WebLog Server provides basic information about the condition of the plant via a web-based user interface.

For a comprehensive analysis of the data, WebLog Expert® is a software solution that accesses the WebLog Server database and covers all tasks from configuration and diagnostics to automated reporting.

Features

- Web Server for the WebLog Portal
- Data Server for WebLog Expert®
- E-mail to and from the ticket system
- Configuration of CMS and SHM systems
- Configuration Template Management
- Storage and management of measurement data and analyses results
- Data access via APIs
- Post-processing tasks:
  - Trend alarms
  - Severity classes
  - Report generation

Since the WebLog ticket system uses E-mail, you will also need to provide one mailbox account with imap, pop3 and smtp access for sending and receiving tickets.

Alternatively to having your own WebLog server, Bachmann (ISO 27001 certified) can take over the entire data hosting, which saves the customer the effort of setting up their own IT infrastructure and still enables data access via the WebLog Portal or WebLog Expert®.

WebLog Server System Requirements

Virtual Environment	
Operating system	Linux (Oracle or Red Hat preferred)
Licences (to be provided by the customer)	
Database	Oracle MySQL 8
Webserver (application server)	Resin (Java)
Required External Services (customer server)	
Email	imap/pop3
Email dispatch	smtp
System requirements	
Communication protocols	http/https
	ntp
	DNS
	ssh
	imap, pop3. smtp

Order data

Part type designation	Part number	Description
WebLog Server License	00034976-00	Annual WebLog Server License per CMS
WebLog Server Support	00026759-00	Annual WebLog Server Support Package
Resin (Java) License	00023955-00	Optional annual Resin (Java) License