

DMSW (Data Management Software)

Distribution Automation Mass Management

Designed by Bausch Datacom!

Distribution Automation RTU Mass Management

The DMSW is a modular management system designed to be integrated into existing management systems. Configuration and management is done using a file-based management concept. Firmwares, containers, and configurations are created using File Upload and Plugin Mechanisms and uploaded to the DMSW. In addition to the management system, the DMSW system has monitoring functionalities that can be monitored via the open source application Grafana.



Product Highlights

- Telegraf Agent (Server for collecting and reporting of metrics)
- Grafana
- InfluxDB (Time-Series Database for Metrics)
- Node-Red
- Container Technology (Docker)
- Functions for all 'M4' and 'Q7' products and third party products

Typical Applications

- Remote Mass parametrization of the RTU's in the field
- Remote Mass firmware updates
- Automatic Commissioning of groups of RTU's
- Health Checks
- Integration of applications through Container technology

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Ordering Codes

- DMSW_V1.0

BAUSCH DATACOM

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DMSW specification

The DMSW back office management is created for the mass management of 'M4' and 'Q7' Bausch Datacom products. But it can also be used for third party products. The tool offers already several applications such as mass management, automatic commission, remote parametrization and others. Through container techniques it is easy to implement new applications on the customer's demand. Visualisation is done by Node Red.

The tool is especially intended to be integrated in the customer's back office offering an extension of their functionality for the management of The RTU's in the field.

Software

- MySQLDMSW_V1.00
- Telegraf Agent (Server for collecting and reporting of metrics)
- Grafana
- InfluxDB (Time-Series Database for Metrics)
- Node-Red
- Container Technology (Docker)
- SSH
- DNS
- DHCP
- IPv4 (& IPv6 in development)
- NodeJS

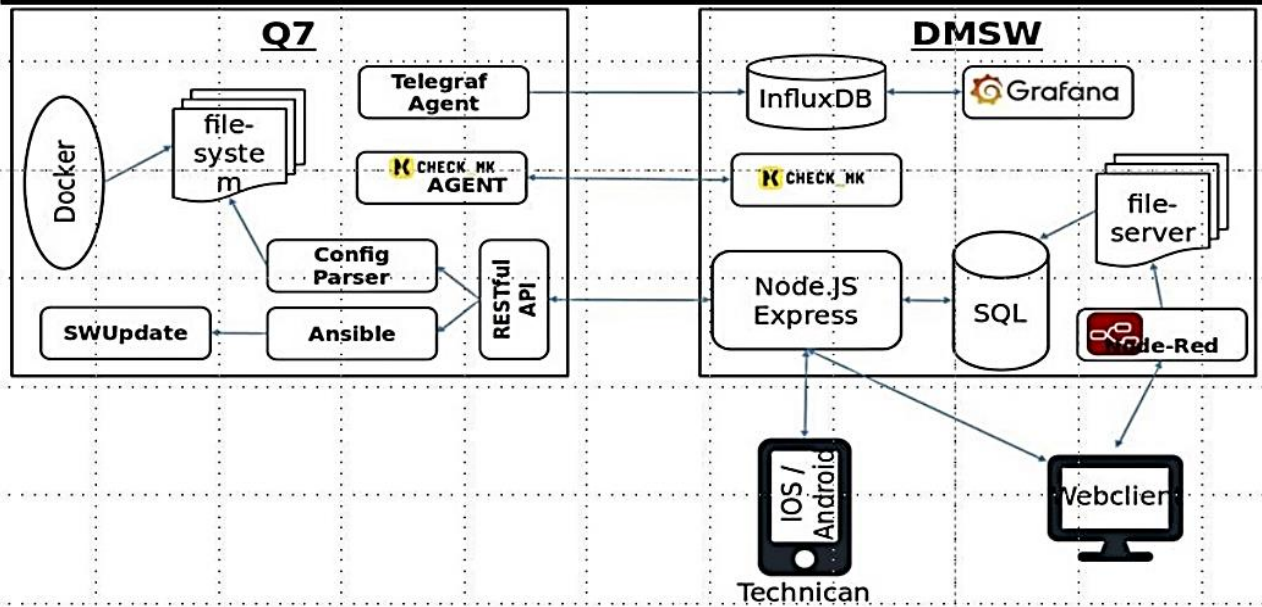
Container

- MySQL
- Telegraf Agent
- Grafana
- Node-Red
- InfluxDB

VM Ware

- The complete DMSW System is provided as a VMWare Image. The Image contains a CentOS 8 OS

Artificial Intelligence / Crypto Anchoring / Machine Learning ...



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