MOTUS NMS



Seismic Network Management System

ASTRIAL
REDEFINING COMMAND, CONTROL & INTELLIGENCE
MEMBER OF THE SATWAYS LTD. GROUP

The Power to Monitor & Control

Overview

MOTUS NMS is the Network Management System of Satways digitizers and accelerographs. Developed with state of the art Web technologies, MOTUS NMS is able to work with static and dynamic IP device addresses by either scanning the local network or using instrument pre-configured settings.

MOTUS NMS accesses, stores and serves the hardware State-of-Health (SoH) packets containing the status of the various firmware services and resource metrics.

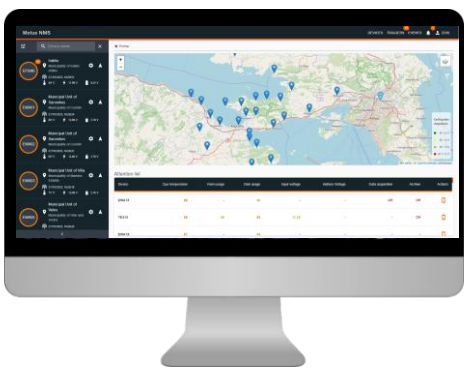
The system offers a range of data visualization and management tools to assist in monitoring and control of your seismic instrument network.

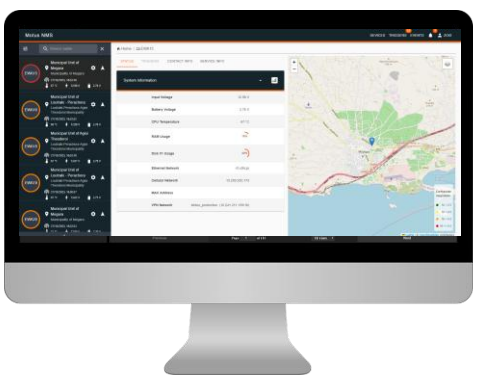
State of Health Information Monitoring

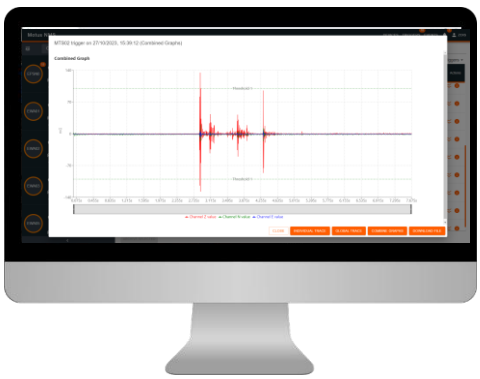
- Device name and label
- LAN and WAN IP addresses
- Acquisition service status
- Archive service status
- Power status
- Instrument temperature
- Memory status
- Available disk(s) space
- GPS status
- Clock sync status
- Firmware and Instrument

Key Features

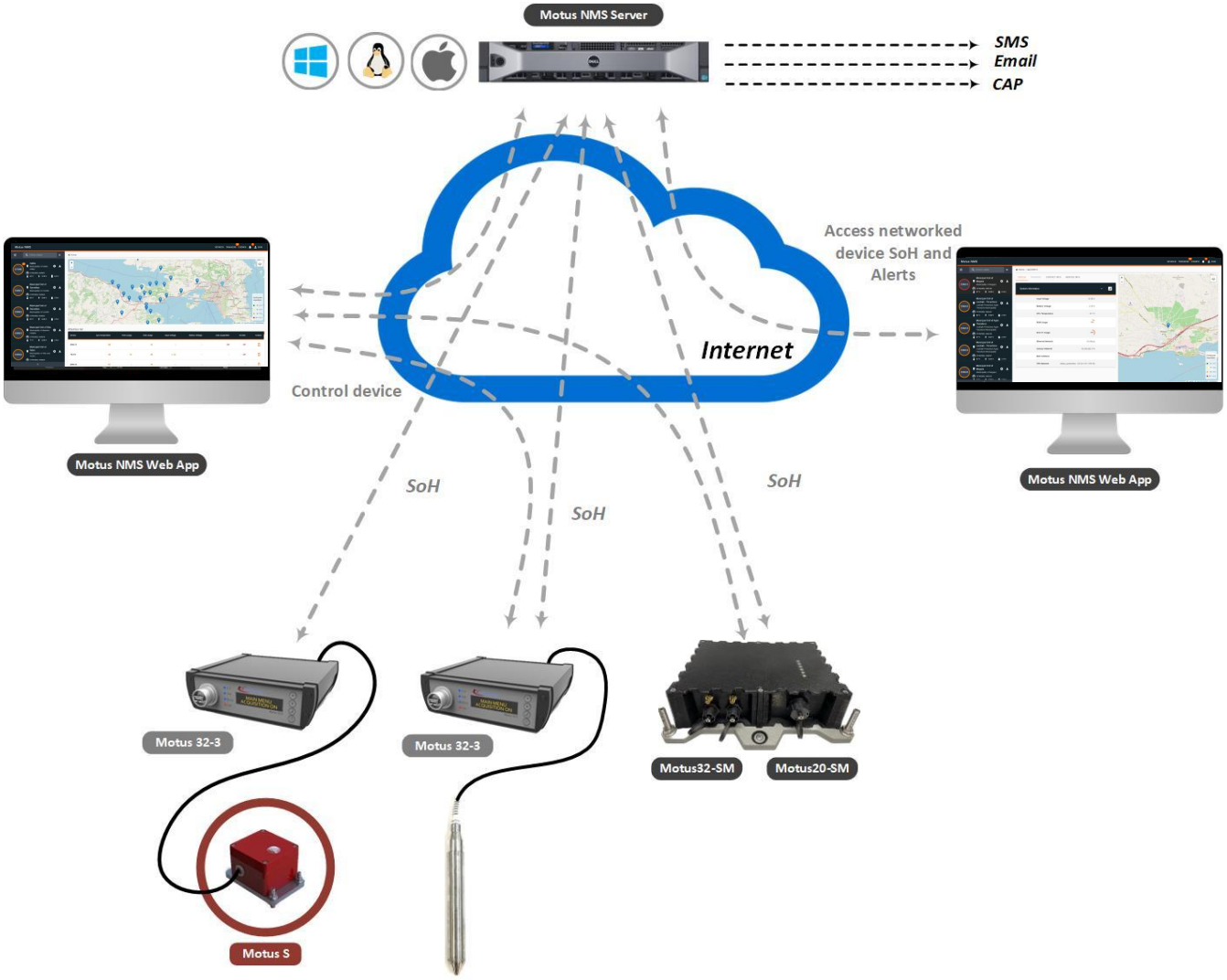
- ✓ IP address discovery of instrumentation on local and public networks
- ✓ Access and archive of SoH data
- ✓ Access to MOTUS devices parametrization web-page
- ✓ Receive and visualize alarms and triggered data/waveforms
- ✓ Local download of triggered acceleration waveforms
- ✓ Receives and visualize damage estimates from instrumented buildings
- ✓ Remote upgrade of Motus family instruments
- ✓ Support of sorting and multiple filtering on tabular data
- ✓ Intuitive map symbology and dashboard widgets
- ✓ Control of warning and critical thresholds per instrument type
- ✓ Flexible multi-View user interface
- ✓ OS Platform independent







Rapid Network SOH Assessment



Committed to Excellence



ABOUT ASTRIAL

ASTRIAL is developing integrated Geospatial Command and Control solutions for Security and Public Safety applications for police, coast guard, emergency medical service, civil protection and fire & rescue operations, critical infrastructure protection, transportation security and border monitoring.

ASTRIAL GmbH
Rudower Chaussee 29, 12489
Berlin, Germany
Tel: +49-(0)30-555 786 786
www.astrial.de
Email: info@ astrial.de

Copyright© 2021-2026 ASTRIAL GmbH – All rights reserved. Use, reproduction or disclosure is governed by ASTRIAL GmbH standard commercial license.