

# Security Recommendations for MOBATime DTS devices

## 1 Change Default passwords

### DTS user (menu, ftp, scp)

All DTS devices have a built-in default user for configuration and management.

Username: dts

→ Change the default password via “Configuration→General Settings” configuration section

### SNMPv3 Users

For SNMPv3 the DTS device has two predefined users:

Usernames: dtsUser1, dtsUser2

→ Change the default passwords in the “Configuration→SNMP→SNMPv3” configuration section

## 2 Disable unused network services

Disable unused network services:

- Telnet
- FTP
- SNMP
- Disable unused IP protocols (IPv4, IPv6) and configurations (static, dhcp, autoconfigure / RA )

If you **NOT** plan to commission your device over LAN you can disable also the following services

- SSH, SCP, SFTP

### Restrict SNMP version to SNMPv3 only:

- Disable SNMPv1, SNMPv2c
- Enable SNMPv3 authentication and privacy

### Restrict NTPQ requests

- Restrict NTPQ requests (NTP Mode 6+7 packets). Please refer the DTS user manual.

## 3 Prefer encrypted communication services

### Commissioning

- Use SSH, SCP, SFTP for configuration and management
- Use SNMPv3 for management

→ Telnet, FTP, SNMPv1, SNMPv2c do not use encrypted communication. This means passwords are transferred as plain text over the network.

## 4 Use NTP authentication

- Configure NTP authentication on Server and Clients

## 5 MOBA-NMS

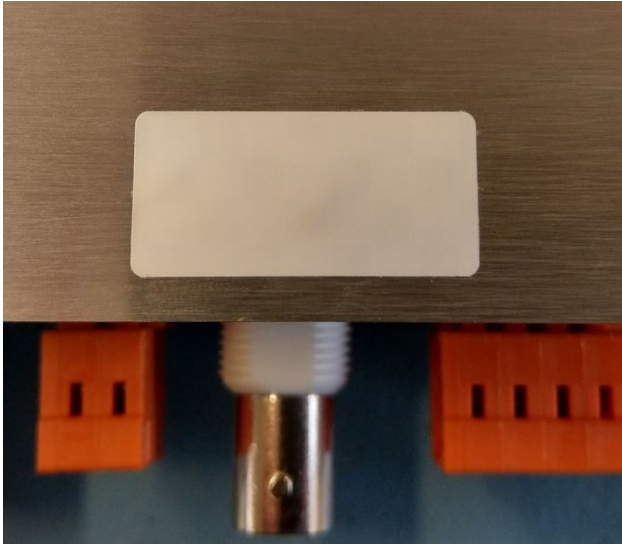
If you use MOBA-NMS commission your device please refer the MOBA-NMS user manual BE-801225 which network ports and services are required.

## 6 Physical device access

- Install device in a lockable cabinet

## 7 Validate “Warranty Void” sticker

All MOBATime DTS devices have a “Warranty Void” Sticker (see example below). Do not use the device if this sticker is broken



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