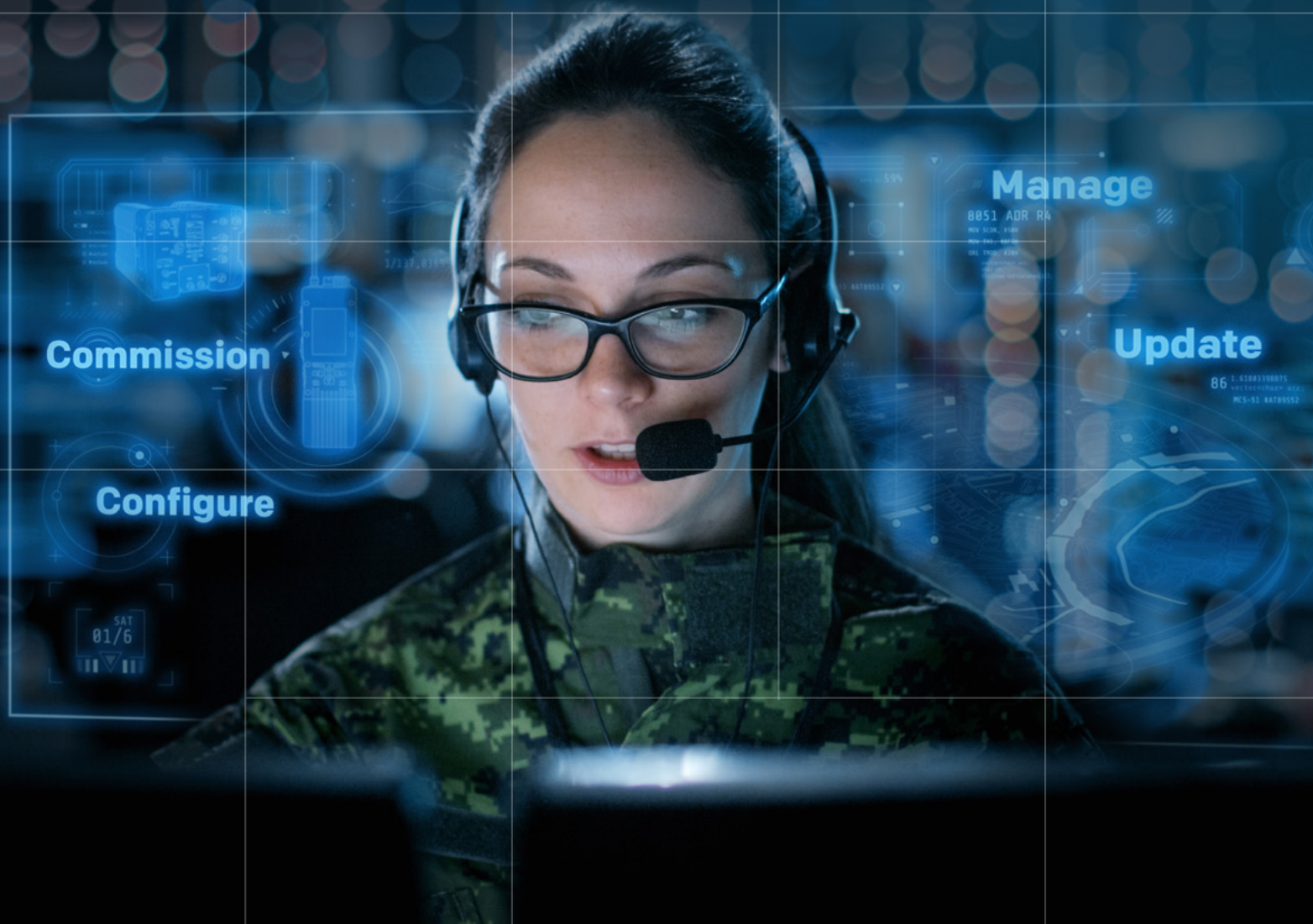




Sovereign control
and ownership over
tactical devices

Bittium Tactical Device Management™ (TDM)

is a secure, advanced and easy-to-use management system for Bittium's tactical communication devices, including at the first stage Bittium Tough SDR™ radios.

The TDM system enables tactical device management before, during, and after field operations.

The TDM features enable commissioning of new devices, software installation and updates, device configuration and key management. It is also possible to manage devices returning from service and requiring commissioning and/or software installation or reconfiguration.

While the tactical devices are on the field, TDM enables software, communication key, and configuration updates in that environment also.

With these features quick and effective deployment and successful operation are made possible and the chain of security is sustained.

Bittium Tactical Management Suite™, including Bittium Tactical Device Management™ and Bittium Tactical Network Management™, is the perfect solution for sovereign management of tactical devices and networks.

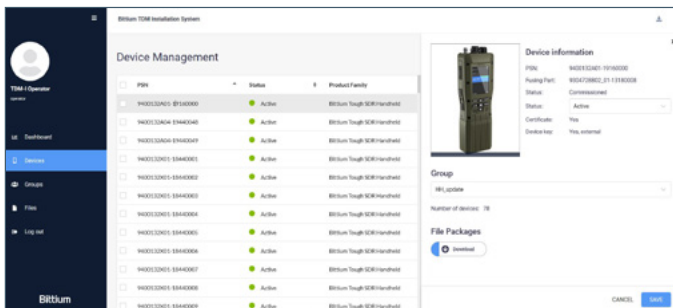
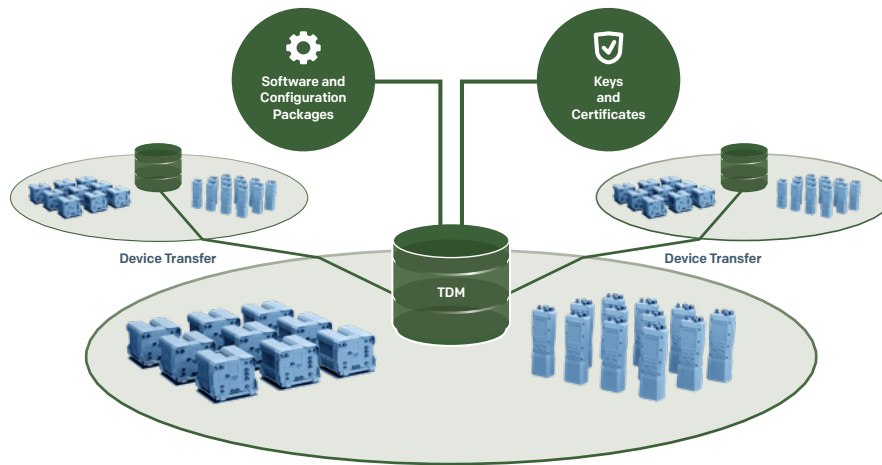
Benefits

Efficient and easy management of tactical devices prior, during and after deployment

Sustains the chain of security by minimizing the possibility of human errors and by preventing the possibility of security breaches



PREPARATION

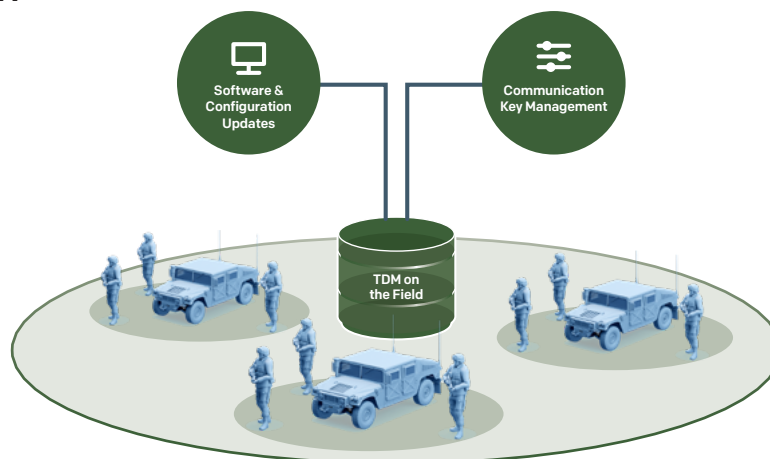


TDM System

Easy initialization & preparation of tactical devices for missions

- Commissioning
- Software updates
- Key management
- Device configuration

IN OPERATION



TDM System in Operations

Effective management of fielded tactical devices during operations

- Software updates
- Communication key management
- Device configuration

Features

- TDM system
 - Device commissioning
 - Secure software installation, software updates, key management and configuration for devices
- TDM system in operations
 - Secure software installation, software updates, communication key management, configuration for devices
- Easily install, update and maintain tactical devices over their lifecycle
- Recovery mechanisms for all critical device data
- User authentication mechanisms

Supported devices*

- Bittium Tough SDR Handheld™
- Bittium Tough SDR Vehicular™

Installation

- System implemented in Linux
 - Server platform: CentOS 7 with the applicable CIS hardenings
 - Tools: Debian 10

Security

- Sovereign control and ownership of your tactical devices
 - Generate and provision keys to the devices
 - Issue certificates from your organization's certificate chain
- Create and manage keys according to your own approved and validated practices
- Connections from TDM to devices secured with certificates and data encryption
- All critical data is stored as encrypted
- Audit trail & traceability of user's activities

Scalability

- Device fleets of virtually any size can be managed
- Support for device groups assures easy device management for large device fleets
- Distributed operations with multi-site support allows geographic distribution for the TDM system

*Support for other tactical devices on the roadmap