


KATIM



KATIM GATEWAY

**Network Management Suite
(NMS) Applications**





To operationalize a network encryption solution, more than a set of devices delivering secure encryption plane for data-in-transit is required. A need to deliver a future-ready, automation-focused management solution is paramount not only to deploy and manage the encryption plane but also to allow evolution of the solution as the new needs are met by software and/or license updates to the deployed devices.

KATIM® Gateway Network Management Suite (NMS) of two dedicated off-line and on-line management software applications delivers tools necessary for organizations to simplify and automate, when-applicable, commissioning, operationalization and management of KATIM Gateway-based network encryption infrastructure.

KATIM Gateway NMS Customizer (Customizer) application delivers modern, GUI-based, step-by-step off-line management toolset for most critical tasks related to preparing devices for deployment, creating administrative users and their secure tokens, managing certificates required for deployment.

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ABOUT KATIM

KATIM is a leader in the development of innovative secure communication products and solutions for governments and businesses. We embed UAE-developed quantum-resistant sovereign cryptography into our suite of solutions.

As part of EDGE, one of the world's leading advanced technology groups, KATIM delivers trust in a world where cyber risks are a constant threat.

We address the increasing demand for advanced cyber capabilities by delivering robust, secure, end-to-end solutions centred on four core business units: Networks, Ultra-Secure Mobile Devices, Applications, and Satellite Communications. KATIM empowers organisations worldwide with the confidence that their mission-critical information and communications are private and secure at all times.

KATIM delivers flawless network security that anticipates evolving threats and technologies through elite, multi-disciplinary teams of industry experts with prior work experience at the most recognised names in global tech. We are an innovation factory free from legacy constraints. Our hardware and software solutions are field proven, with deployments securing the most sensitive UAE facilities.

CUSTOMIZER APPLICATION KEY BENEFITS:

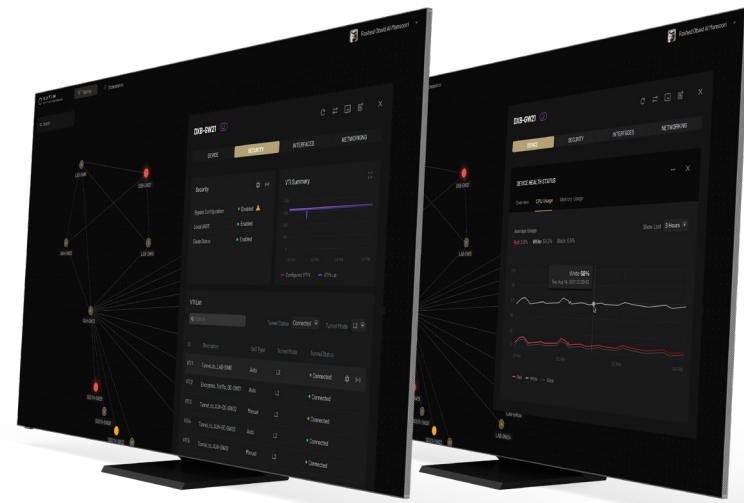
- Windows 10 PC-hosted, off-line architecture for most critical device pre-deployment customizations and device/network administrative user/secure tokens management minimizes attack vectors
- Modern, GUI-driven, step-by-step interface simplifies management tasks and eliminates operator errors

CUSTOMIZER APPLICATION KEY FEATURES:

- In-transit pre-customization tamper security verification, relocation tamper security initiation, and accidental tamper recovery
- Security certificate management and certificate-to-device deployment
- Multi-PKI deployment for fully segregated production environments
- Creation and management of administrative users and their secure tokens
- Device pre-deployment customization and inventory
- Basic configuration template management and off-line deployment to device
- Data export as required by KATIM Gateway NMS Crypto Network Management application

Note: Information and specifications are subject to change without prior notice. See latest KATIM Gateway NMS Release Notes for details on functionality supported in production.

KATIM Gateway Crypto Network Manager (CNM) application delivers modern, GUI-based on-line remote management system for all aspects of KATIM Gateways remote encryption network management. The NSOC-deployment-targeted application simplifies and orchestrates network management tasks and is intended to allow operators to quickly zoom-in on any issues in operations.



Note: Information and specifications are subject to change without prior notice. See latest KATIM Gateway NMS Release Notes for details on functionality supported in production .

CUSTOMIZER APPLICATION KEY BENEFITS:

- Modern, GUI-based system simplifies KATIM Gateway encryption network management in deployment, orchestrates network-wide management tasks, allows security audits of the deployed network
- VM-hosted, dual front-end and back-end architecture to allow future independent scaling of user access terminals and back-end engine as required by network deployment and operational needs

CNM APPLICATION KEY FEATURES:

- Secure-token/PIN-based application access
- Highest level of network security protocols for CNM to KATIM Gateway communication (separately-sold KATIM Gateway required for in-band remote management)
- Topology map visualization of encryption network deployment (devices, encryption plane tunnels)
- Topology-map-driven device and tunnel configuration, status, control plane and traffic monitoring
- Built-in device-level alarm-console
- Orchestration for network-wide operations like administrator users white-listing/blacklisting, device removal/replacement/ network software upgrades/network security audits



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