

Encryption at Rest

Proven Encryption Solutions to Protect Your Noble Data

An important first step in taking control of information and helping to meet regulatory requirements is encrypting your contact center's sensitive data. **Noble® Encryption at Rest (NEAR)** offers a comprehensive range of encryption solutions designed to meet your data protection requirements.

Data is one of the most highly valued resources in a competitive business environment. Protecting data and controlling access to data – while maintaining its availability – are priorities in our security-conscious world. Increasing regulatory requirements are also helping to drive the need for securing data. Encryption is a powerful and widely used technology that helps protect data from loss and inadvertent or deliberate compromise.

Noble Systems utilizes the *Linux Unified Key Setup (LUKS)* encryption. LUKS is a hard disk encryption specification created specifically intended for Linux. While most disk encryption software implement different and incompatible, undocumented formats, LUKS specifies a platform-independent, standard on-disk format for use in various tools. LUKS was built using an anti-forensic, two level, and iterated key setup scheme (TKS1). LUKS also adds meta data for cipher setup management and supports multiple keys/pass phrases. This facilitates compatibility and interoperability across separate software applications, and assures that they all implement password management in a secure and documented manner.

Noble Encryption At Rest gives you the security of file systems data encryption without significantly impacting the system performance. *NEAR* is available* for the Noble Application Server, Noble Telephony Server, Noble RepliServer, Noble RAS (Report Archive Server), Noble VAS (Voice & Video Archive Server).

NEAR offers:

- > Proven, secure cryptography
- > Secure management of multiple passwords
- > Security against low entropy attacks
- > Protection against unauthorized access
- > Protection of enterprise assets
- > Passcode/passphrase strengthening
- > Pre-boot authentication
- > Custom authentication
- > Multiple keys

**Additional cost and terms apply.*

Noble Encryption At Rest includes:

- > Configuration Setup
- > System Integration
- > Installation
- > Testing
- > Customer Cutover

