crownpeak

ENHANCED DATA SECURITY SERVICES

The easiest and quickest way to further strengthen your system's security

Protection of "data-at-rest" through industry-standard encryption methods

Industry-leading ciphers
- Advanced Encryption Standard (AES)
- Data Encryption Standard X (DES-X)

Protection across all of your data-at-rest
- Content Management platform (CMS)
- Content Delivery platform (for Web Hosting through Crownpeak)

Encryption keys unique to your service

Simple Implementation

Setup entirely executed by Crownpeak

Safe migration with no risk of data loss

Completely transparent process, with no addtional learning required of the customer
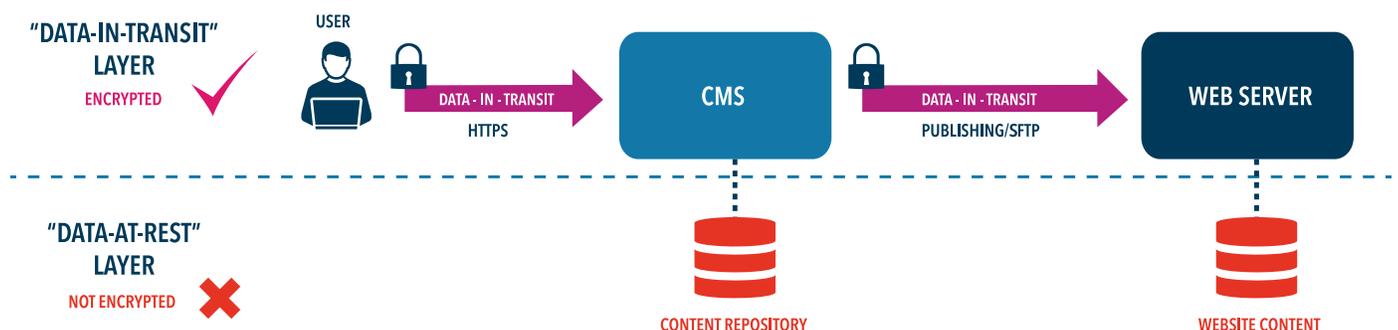
Ideal for companies operating in regulated industries

Increased security and peace-of-mind for organizations bound by the following:
- Healthcare Insurance Portability and Accountability Act (HIPAA)
- Health Information Technology for Economic and Clinical Health Act (HITECH)
- Gramm–Leach–Bliley Act (GLB)
- Federal Information Processing Standard Publication 140-2 (FIPS 140-2)
- EU Data Protection Directive (Directive 95/46/EC)

Without EDSS

While Crownpeak's standard data encryption covers "data-in-transit" as it flows through networks, "data-at-rest" is not protected by such encryption by default as it statically sits within internal content & data repositories. However, Crownpeak's Enhanced Data Security Services (EDSS) easily enables data-at-rest encryption.

"DATA-IN-TRANSIT" LAYER
ENCRYPTED

USER

DATA - IN - TRANSIT
HTTPS

CMS

DATA - IN - TRANSIT
PUBLISHING/SFTP

WEB SERVER

"DATA-AT-REST" LAYER
NOT ENCRYPTED

CONTENT REPOSITORY

WEBSITE CONTENT

With EDSS

By leveraging industry-leading, battle-tested encryption methods through EDSS, Crownpeak customers can rest assured that – in the off-chance that someone "breaks in" – their data-at-rest will be protected against any unauthorized person or entity attempting data theft or access.

"DATA-IN-TRANSIT" LAYER
ENCRYPTED ✓

USER

DATA - IN - TRANSIT
HTTPS

CMS

DATA - IN - TRANSIT
PUBLISHING/SFTP

WEB SERVER

"DATA-AT-REST" LAYER
ENCRYPTED ✓

CONTENT REPOSITORY

EDSS
Full encryption and protection of data-at-rest

Industry-Leading Ciphers
• Advanced Encryption Standard (AES)
• Data Encryption Standard X (DES-X)
Client-specific encryption key

WEBSITE CONTENT

crownpeak