

NOVARAD® CORPORATION CRYPTOCHART™ SECURITY STATEMENT

The CryptoChart™ Patient Image and Information Sharing solution is a secure solution with two parts: an on-premises routing client with certificates deployed through the Novarad® Central Control, and a secure cloud component with built-in security and authentication. The system uses a limited-use token, referred to as a LUT, with an encryption strength string of random characters to provide access to the images and information. The length of this code varies based on the length of time the code is active; the longer the time the longer the code. The optical QR code defaults to 2 years and the access code defaults to 30 days. The system also has protection in place against brute force attacks.

The hosted image share communicates with the routing appliance to print out the limited-use access token in the form of an optical QR code or web access code. The web access code has a short lifecycle to maintain the highest security levels required. When the optical QR code is scanned, or the web access code entered, the LUT will authenticate and give the user access to the study.

An additional security option is available where the sending site can require the patient's DOB be entered into CryptoChart™ by anyone attempting to access the information before access is given.

Novarad® data centers meet the following security standards:

FedRAMP/FISMA
GDPR – Privacy Shield
HIPAA
ITAR
PCI-DSS
NIST
SSAE-18
StateRAMP
SOC – 2

Data Security Details:

- Data is AE256 encrypted at rest in the Novarad® Object Storage
- Data is encrypted in transit using HTTPS
- TLS 1.2 protocol
- The web interface used to access the images/study leaves no Protected Health Information (PHI) behind
- The level of security once handed off is similar to that of a patient CD

When accessed from a mobile device only a single study is available. When accessed from a PC the system deploys a physician reference viewer that allows physicians to access all current studies sent to CryptoChart™ by the sending facility for that patient.