

# ENTERPRISE REPLICATION

US Signal's Enterprise Replication (EReplication) is powered by EMC Data Domain and Avamar to provide a replication target for data stored on a source Data Domain and Avamar integrated system. The solution accommodates both off-site copies of Data Domain MTrees or diverse copies of backup files and meta data through Managed File Replication.

## AT-A-GLANCE

- + Utilizes native replication software built into the Data Domain Operating System (DDOS) to provide replication from source Data Domain to US Signal hosted Data Domain
- + Supports Managed File Replication (MFR) if Data Domain system is integrated with Avamar
- + Cloud target infrastructure monitored and maintained by US Signal
- + Reduce the amount of data transmitted over your network by replicating only changed blocks
- + Encryption of data at rest and in flight
- + Supports multiple source Data Domain operating system versions

## TECHNICAL OVERVIEW

The US Signal Enterprise Replication service leverages the Data Domain Replicator native DDOS software to provide replication between source and destination Data Domain appliances. Replication endpoints are securely accessible from the Internet and all replication traffic is protected by SSL encryption. If Avamar is integrated with your Data Domain deployment, Managed File Replication can be used to control what backup files and meta data are replicated between the source and destination systems.

## COMPLIANCE

US Signal Enterprise Replication solution is built using security standards to be in compliance with the following regulations:

- + HIPAA
- + PCI

## SERVICE LEVEL AGREEMENT

Storage infrastructure availability of 99.5%.

Support response of 2 hours from the time a restore request is received.



## DEPLOYMENT MODELS

### Data Domain Replication

- + MTree replication between source and destination
- + Only changed blocks are transferred to destination
- + Supports multiple source DDOS versions:  
5.6.x through 6.2.x
- + SSL encryption for data-in-flight and at rest



### Managed File Replication (MFR)

- + Granular control on what backup files are replicated offsite
- + SSL encryption for data-in-flight and at rest
- + Use the cloud target system for backup copies or customized retention policies

