

# Generic Discovery Server (GDS)

*Enabling Dynamic Discovery of Encryption Devices*



Dynamic HAIPE® Discovery

Simplified INE Integration & Configuration

Increased Network Efficiency

Optimal Routing and Redundancy

## Overview

The Generic Discovery Server (GDS) is a software application that simplifies the configuration process and increases the efficiency of High Assurance IP Encryptors (HAIPE). HAIPE devices can be configured to automatically register with the GDS, making it ideal for large networks and mobile devices. This enables the HAIPE Inline Network Encryptor (INE) to dynamically locate other INEs and route traffic via optimal paths.

## Features at a Glance:

- Intuitive User Interface for Server Configuration
- Storage for Over 40,000 Network & Device Addresses
- Server to Server Generic Discovery
- Supports both IPv4 and IPv6
- Interoperable with GEM X™ and GEM X Lite Encryptor Management Software
- Supports Windows® Operating Systems

## GDS Allows You To:

- Create either a mesh or hub and spoke network of servers
- Interface to BGP routers for updating routes
- Create default routes
- Assign a preference to separate routes to the same protected IP network
- Configure the ports used to listen for HAIPE messages
- Automatically alert GEM X™ and GEM X Lite workstations of newly registered encryptors
- Display, sort, and search a list of HAIPEs that have registered with the GDS
- Locally or remotely add, delete, or update network prefixes
- Display, sort, delete, search, export and import network prefixes
- Assign an expiration date to network prefixes
- Automatically remove expired network prefixes from its database
- Display, sort, search and export an event log

