

N-Wave Enterprise Remote Access VPN (ERAV)

Overview

N-Wave offers the **Enterprise Remote Access VPN (ERAV)** as a centralized solution that leverages N-Wave transport to provide remote access network connectivity to users on Government-Furnished Equipment (GFE) devices.

ERAV allows users to obtain secure access to their organization's internal networks and resources while working from home or on travel.

ERAV hardware and firewall licenses can support 10,000 users, with 23 Gbps of VPN throughput across the two geographically redundant sites.

Service Benefits

- Robust, centrally managed infrastructure
- Scalable and highly available high-performance VPN solution
- Geographically dispersed nodes for terminating VPN connections across the U.S.
- Direct routing to the customer's site and internal networks through virtual routing and forwarding
- Customer-defined access control
- Option to integrate with customer Active Directory for user authorization
- Easy setup process for each device

Authentication

ERAV uses HSPD-12 Smart Cards (e.g., Department of Defense CAC, select PIV cards) to authenticate VPN users.



75 VPN groups

All **6** NOAA Line Offices use ERAV

2 other federal entities use ERAV

10,000+ registered users

Security Controls

As an added value, N-Wave offers security controls for inheritance to its customers. **ERAV** customers can fully inherit the following controls through CSAM:

- AC-17 (1) (2) (3) – Remote Access
- SC-7(7) – Prevent Split Tunneling For Remote Devices



For more information about how N-Wave ERAV can meet your needs, submit a **[New Service Request](#)**.

You can also visit the N-Wave website:
nwave.noaa.gov