HIGH DEFINITION SYSTEMS

CYBERSECURITY

FOR IP SURVEILLANCE

Secure devices. Protected networks. Trusted video.

END-TO-END PROTECTION

hdsas.eu

EU PRODUCER • DEVELOPER • DISTRIBUTOR



HIGH DEFINITION SYSTEMS

VULNERABILITY COORDINATION

HDS is a CVE Numbering Authority

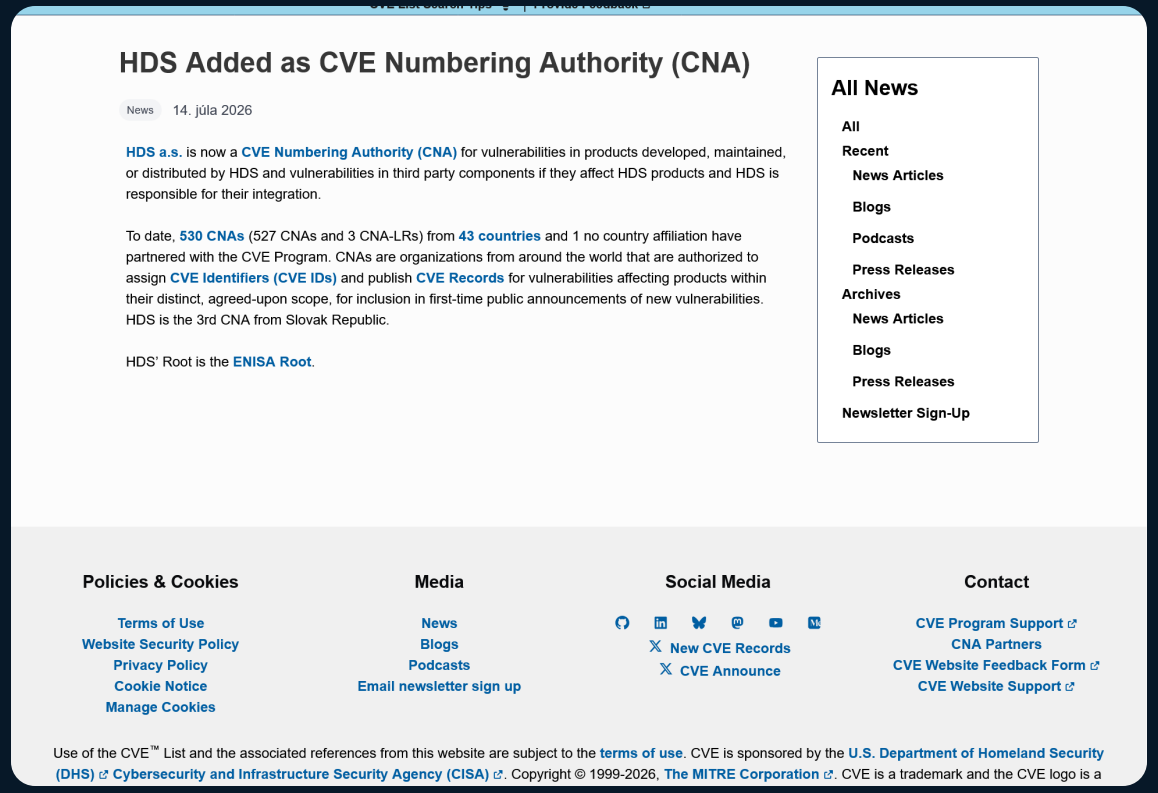
Authorized to assign CVE IDs and publish CVE Records within its agreed scope.

3RD CNA

in the Slovak Republic

ENISA ROOT

CNA coordination structure



HDS Added as CVE Numbering Authority (CNA)

News 14. júla 2026

HDS a.s. is now a CVE Numbering Authority (CNA) for vulnerabilities in products developed, maintained, or distributed by HDS and vulnerabilities in third party components if they affect HDS products and HDS is responsible for their integration.

To date, 530 CNAs (527 CNAs and 3 CNA-LRs) from 43 countries and 1 no country affiliation have partnered with the CVE Program. CNAs are organizations from around the world that are authorized to assign CVE Identifiers (CVE IDs) and publish CVE Records for vulnerabilities affecting products within their distinct, agreed-upon scope, for inclusion in first-time public announcements of new vulnerabilities. HDS is the 3rd CNA from Slovak Republic.

HDS' Root is the ENISA Root.

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Official CVE Program announcement

HIGH DEFINITION SYSTEMS

Modern surveillance needs protection at every layer

HDS cybersecurity extends across devices, networks, protocols and data management — not beside them as an afterthought.

01

DEVICE

Hardware and firmware integrity

02

ACCESS

Authentication and role-based control

03

NETWORK

Encrypted communication and segmentation

04

DATA

Protected transmission and storage

HIGH DEFINITION SYSTEMS

GLOBAL COMPLIANCE

Certified and designed for secure deployment

Security management, cryptography and regulatory alignment for demanding environments.

ISO/IEC 27001	Certified information security management
FIPS 140-3	Security frameworks aligned with requirements
GDPR	Data-protection guideline alignment
NDAA	Compatibility with project requirements
IPv6	Support for modern network infrastructure



CNA

enisa

CNA UNDER ENISA ROOT

HIGH DEFINITION SYSTEMS

SECURE BY DESIGN

Protection begins inside the device

HDS integrates cybersecurity into device architecture — from hardware through firmware and communication.

- End-to-end encrypted communication (HTTPS / TLS)
- Secure boot and firmware validation
- Strong password enforcement
- Protection against unauthorized access





HIGH DEFINITION SYSTEMS

DEVICE SECURITY MANAGEMENT

Control access across connected devices

Centralized management helps maintain secure operation while giving teams visibility and rapid response capabilities.

- Role-based access control (RBAC)
- Real-time monitoring and security alerts
- Secure remote device management
- Compromised-device isolation

NETWORK & DATA PROTECTION

Protect every path the video travels

Multi-layer mechanisms help secure video transmission, storage and system-to-system communication.

- VPN-secured communication
- Encrypted video streaming
- Network segmentation support
- Secure APIs (HTTPS / SNMPv3)



HIGH DEFINITION SYSTEMS

EUROPEAN TECHNOLOGY COMPANY

MANUFACTURER

DEVELOPER

DISTRIBUTOR

A European partner for the development, manufacture and distribution of professional IP surveillance technologies.



HIGH DEFINITION SYSTEMS

Turn cybersecurity requirements into a secure system design

Connect authentication, encryption, hardening, updates, vulnerability management and regulatory needs to the operational requirements of your surveillance project.

Discuss your project with HDS

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Technology / Cybersecurity