مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Critical Vulnerabilities in ControlID iDSecure Software
Tracking #:432317412
Date:25-06-2025

TLP: WHITE

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that multiple critical vulnerabilities have been reported in ControlID's iDSecure On-Premises software, widely used in vehicle and access control systems.

TECHNICAL DETAILS:

Multiple critical vulnerabilities have been reported in ControlID's iDSecure On-Premises software, widely used in vehicle and access control systems. These flaws—Improper Authentication (CVE-2025-49851), SSRF (CVE-2025-49852), and SQL Injection (CVE-2025-49853)—allow attackers to bypass login protections, access internal resources, and manipulate backend databases. All can be exploited remotely with minimal complexity and no user interaction.

Vulnerability Details:

1. **Improper Authentication (CVE-2025-49851)**
   - Description: An authentication bypass vulnerability allowing unauthorized access and privilege escalation.
   - CVSS v4 Score: 8.7
   - Impact: Unauthorized system access.

2. **Server-Side Request Forgery (SSRF) (CVE-2025-49852)**
   - Description: An SSRF vulnerability that allows attackers to interact with internal systems or services via crafted HTTP requests.
   - CVSS v4 Score: 8.7
   - Impact: Internal information disclosure.

3. **SQL Injection (CVE-2025-49853)**
   - Description: Allows attackers to inject arbitrary SQL queries, potentially leaking or modifying database content.
   - CVSS v4 Score: 9.3
   - Impact: Arbitrary data leakage and manipulation.

Affected Versions:
   - iDSecure On-premises versions 4.7.48.0 and prior

Fixed Versions:
   - iDSecure On-premises: Version 4.7.50.0

RECOMMENDATIONS:

The UAE Cyber Security Council recommends to upgrade iDSecure to fixed version or later, which addresses all known vulnerabilities.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

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REFERENCES:

- https://www.controlid.com.br/en/access-control/idsecure/