



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Multiple Vulnerabilities in GE Ultrasound Devices

Tracking #:432315870

Date:20-05-2024

THE INFORMATION CONTAINED WITHIN IS THE PROPERTY OF THE CYBER SECURITY COUNCIL OF THE UNITED ARAB EMIRATES GOVERNMENT AND IS TO BE USED EXCLUSIVELY FOR INTELLIGENCE PURPOSES. IT MAY NOT BE USED IN ANY LEGAL OR PUBLIC MATTER WITHOUT THE EXPLICIT APPROVAL OF THE CYBER SECURITY COUNCIL

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Security researchers have identified nearly a dozen vulnerabilities in certain GE HealthCare ultrasound products.

TECHNICAL DETAILS:

11 vulnerabilities affect various ultrasound systems and software from GE HealthCare, including the Vivid T9 ultrasound system and its pre-installed Common Service Desktop web application and related EchoPAC software. These vulnerabilities in certain GE HealthCare ultrasound products that could allow malicious actors with physical access to the devices to implant ransomware or access and manipulate patient data stored on the affected devices.

Notable Vulnerabilities:

- **CVE-2024-27107**- 9.6 CVSS:3.1/AV:A/AC:L/PR:N/UI:N/S:C/C:H/I:H/A:H
- **CVE-2024-27110**-8.4 CVSS:3.1/AV:A/AC:L/PR:H/UI:N/S:C/C:H/I:H/A:H
- **CVE-2024-1628**-8.4 - CVSS:3.1/AV:L/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

Affected Products:

- Vivid products, not including EchoPAC: all versions
- LOGIQ, not including LOGIQ 100 Pro: all versions
- Voluson, not including ImageVault: all versions
- Versana Essential: all versions
- Invenia ABUS Scan station, not including VScan product line: all versions
- Venue, not including Venue 40 R1-3 and Venue 50 R4-5: all versions

RECOMMENDATIONS:

- Organizations adopt security and cybersecurity best practices, including restriction of physical access to devices by unauthorized individuals.
- Encourage security awareness to ensure clinical staff will report any unauthorized person trying to login or otherwise tamper with a medical device.

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.

REFERENCES:

<https://www.gehealthcare.com/services/lifecycle-management/product-security-portal/security>