Sultanate of Oman
Ministry of Health
Directorate General of Pharmaceutical Affairs
and Drug Control
MUSCAT

سلطنة عمان
وزارة الصحة
المديرية العامة للصيدلة
والرقابة الدوائية
مسقط

To:
THE DIRECTOR GENERAL OF HEALTH SERVICES IN ALL GOVERNORATES
Commanding Officer, Armed Forces Hospital (Al Khoudh & Salalah)
Director General of Engineering Affairs, MOH
Director General of Royal Hospital
Director General of Khoula Hospital
Director General of Medical Supplies (MOH)
Director General of Pvt. Health Est. Affairs (to kindly arrange distribution to all Pvt. Hospitals)
Hospital Director (Al Nahda Hospital)
Hospital Director (Al Massara Hospital)
The Head of Medical Services in SQU Hospital
The Head of Medical Services in Royal Oman Police
The Head of Medical Services in Ministry of Defence
The Head of Medical Services in The Diwan
The Head of Medical Services in The Sultan's Special Force
The Head of Medical Services in Internal Security Services
The Head of Medical Services in Petroleum Development of Oman
The Head of Medical Services in LNG Oman
ALL PRIVATE PHARMACIES & DRUG STORES

After Compliments,

Please find attached our Circular No.30**..... dated** 10/02/20 **Regarding Safety Communication of Cybersecurity Vulnerabilities in Certain Clinical Information Central Stations and Telemetry Servers from Of (Mfr: GE Healthcare)**

Copy to:

- **Director, Office of H.E. The Undersecretary for Health Affairs**
- **Director of Medical Device Control, DGPA&DC**
- **Director of Pharmacovigilance & Drug Information Dept, DGPA&DC**
- **Director of Drug Control Department, DGPA&DC**
- **Director of Pharmaceutical Licensing Department, DGPA&DC**
- **Director of Central Quality Control Lab., DGPA&DC**
- **Supdt. of Central Drug Information**

dg-padc@moh.gov.om : البريد الإلكتروني ٢٢٣٥٨٤٨٩ – فاكس: ٢٢٣٥٧١١١ – هاتف: ١٠٠ – الرمز البريدي: ٣٩٣ مسقط – ص . ب:
P.O. Box : 393 Muscat, Postal Code: 100, Tel: 22357111 - Fax: 22358489 - E-mail : dg-padc@moh.gov.om

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Circular No. 30 / 2020

16 -06-1441 H

15 -02-2020

Ref: 29/2020

Safety Communication of Cybersecurity Vulnerabilities in Certain Clinical Information Central Stations and Telemetry Servers from GE Healthcare

Source of Recall	Gulf Health Council file:///C:/Users/moh76697/Downloads/Transition%20to%20Duodenoscopes%20with%20Innovation%20Designs%20(2).pdf
Product	Clinical Information Central Station and Telemetry • ApexPro Telemetry Server and CARESCAPE Telemetry Server. • CARESCAPE Central Station (CSCS) version 1. • CIC Pro Clinical Information Center Central Station version 1.
Manufacturer	GE healthcare
Local Agent	Muscat Pharmacy L.L.C
The affected products	ApexPro Telemetry Server and CARESCAPE Telemetry Server 4.2 and earlier CARESCAPE Central Station (CSCS) version 1 1.x CIC Pro Clinical Information Center Central Station version 1 4.x, 5.x
Reason for Recall	Several Cybersecurity vulnerabilities have been identified in certain GE Healthcare Clinical Information Central Stations and Telemetry Servers, that may allow an attacker to remotely take control of the medical device and to silence alarms, generate false alarms and interfere with alarms of patient monitors connected to these devices. Health care providers use GE Clinical Information Central Stations and Telemetry Servers to collect and display data from multiple patient monitoring devices. The data includes physiological status (such as temperature, heartbeat, and blood pressure), patient demographic or other nonmedical information. These vulnerabilities might allow an attack to happen undetected and without user interaction. Because an attack may be interpreted by the affected device as normal network communications, it may remain invisible to existing security measures.
Action	• Kindly check your stock, contact your local agent for remedial action GE Healthcare will be issuing a software patch to address the vulnerabilities and will notify affected customers to deploy them when the patches are ready • The risk posed by the vulnerabilities can be reduced by segregating the network connecting the patient monitors with the GE Healthcare Clinical Information Central Stations and Telemetry Servers from the rest of the hospital network, as described in the GE Healthcare documentation for these devices • Use firewalls, segregated networks, virtual private networks, network monitors, or other technologies that minimize the risk of remote or local network attacks.
comments	Healthcare professionals are encouraged to report any adverse events Suspected to be associated with the above device or any other medical Device to Director of Medical Device Control contact E-mail dg-padc@moh.gov.om

Directorate General of Pharmaceutical Affairs & Drug Control
Sultanate of Oman

Dr. Mohammed Hamdan Al Rubaie

DIRECTOR GENERAL

dg-padc@moh.gov.om : البريد الإلكتروني ٢٢٣٥٨٤٨٩ – فاكس: ٢٢٣٥٧١١١ – هاتف: ١٠٠ – الرمز البريدي: ٣٩٣ مسقط – ص . ب:
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