


<b>Document Description:</b> CSB-Modality Manager SSO Security Vulnerability	<b>Document Number:</b> 80029474 <b>Version:</b> A
	
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<h2>Customer Service Bulletin</h2>	
<b>Products:</b>	Q-Stress <sup>®</sup> System, XScribe <sup>™</sup> System, HScribe <sup>™</sup> System, Vision Express <sup>™</sup> System, Diagnostic Cardiology Suite <sup>™</sup> (DCS) ECG, Connex <sup>®</sup> Cardio ECG, RScribe <sup>™</sup> System
	<b>Date:</b> 29-NOV-2021
<b>Subject:</b>	Unauthorized access to application functions and patient data
<b>HW Version(s) Affected:</b>	N/A
<b>SW Version(s) Affected:</b>	Q-Stress – 6.x.x (all versions from 6.0.0 to 6.3.1) XScribe – 5.xx to 6.xx (all versions from 5.01 to 6.3.1) HScribe – 5.xx and 6.x.x (all versions from 5.01 to 6.4.0) Vision Express – 6.x.x (all versions from 6.1.0 to 6.4.0) DCS – 2.x.x (version 2.1.0) Connex Cardio – 1.x.x (version 1.0.0 to 1.1.1) RScribe – 5.xx, 6.xx and 7.x.x (all versions from 5.01 to 7.0.0)
<b>Serial Numbers Affected:</b>	N/A
<b>Lot or Date Code Affected:</b>	N/A

<b>Disposition:</b>	Reactive Service Use		
<b>Distribution:</b>	<input checked="" type="checkbox"/> Customer Care	<input checked="" type="checkbox"/> Product Service	<input checked="" type="checkbox"/> Field Service
	<input checked="" type="checkbox"/> ASPs	<input checked="" type="checkbox"/> Distributors	<input checked="" type="checkbox"/> Customers <input type="checkbox"/> Company
<b>Training Required:</b>	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
<b>Summary:</b>	Q-Stress, XScribe, HScribe, Vision Express, DCS (Connex Cardio) and RScribe, systems configured to use Single Sign-on via their modality manager configuration settings, are affected by an improper authentication defect. This vulnerability allows the application to accept manual entry of any Active Directory (AD) account that is provisioned in the application without supplying a password and then will grant access to the application as the supplied AD account, with all associated privileges.		

**Workaround:** Disable the Single Sign-on (SSO) feature in the respective modality manager configuration settings. Please refer to the IFU and/or Service Manual for instructions on how to disable SSO. Once SSO is disabled, the software applications will require AD user credentials (username and password) upon startup.

**Resolution:** This issue has been documented into our feedback system (B104648) for correction in future software releases for each modality.

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