


Document Description: CSB-Modality Manager SSO Security Vulnerability	Document Number: 80029474 Version: A
	
Printed or electronic versions of this document not accessed directly from the designated Welch Allyn Controlled Quality Information System are For Reference Only.	

<h2>Customer Service Bulletin</h2>	
Products: Q-Stress® System, XScribe™ System, HScribe™ System, Vision Express™ System, Diagnostic Cardiology Suite™ (DCS) ECG, Connex® Cardio ECG, RScribe™ System	Date: 29-NOV-2021
Subject: Unauthorized access to application functions and patient data	
HW Version(s) Affected: N/A	SW Version(s) Affected: 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)
Serial Numbers Affected: N/A	Lot or Date Code Affected: N/A

Disposition:	Reactive Service Use		
Distribution:	<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
Training Required:	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
Summary:	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.

THIS INFORMATION IS THE PROPERTY OF WELCH ALLYN, INC. AND AS SUCH SHALL NOT BE REPRODUCED, COPIED, OR USED AS A BASIS FOR THE MANUFACTURE OR SALE OF EQUIPMENT OR DEVICES WITHOUT THE EXPRESS WRITTEN PERMISSION OF WELCH ALLYN, INC.