

USCAN 3.5 UPGRADE

Notable Changes to the Uscan Software



Notable Changes to the Software

Embedded Training Videos – From "New to This" the part one video will automatically play. Part two is also available from this location.

Low Bladder Volume – There will no longer be a "0 ml" reading. When volume too low for the Uscan is encountered, a statement will appear that says "Low bladder volume or bladder not detected" by tapping this statement, three possible reasons will be provided. Training videos are also available from this screen

Bulk USB Patient Export - From "scan review" by holding down the patient/exam on a long hold, one will be able to select multiple exams to export

DICOM – is now available to all customers

<u>SD Card</u> – is now disabled

<u>USB Function</u> – can be disabled by the administrator

Notable Changes to the Software

Administrator can now limit or disable the following

- USB access
- Ultrasound scanning
- Saving/ printing/exporting of bladder volume and or ultrasound images

<u>Camera</u>

- The camera is only able to be used for barcode scanning

Ultrasound Changes

- When scanning, changing gain or depth will no longer change the size of the image

Other bug fixes

- Scan stop probe disconnected issue has been improved
- Other errors that occasionally occur

Setting the Patient Type Default Setting

Patient Type

normal	Now the defau
충 Pediatric	0
🛉 Deep	0
🛊 Pregnant	0
Phantom	0

Normal – Depth has changed from 14cm to 18cm Pediatric – No Change Deep – Changed from Obese (was 18cm now 20cm) Pregnant – No change Phantom – No change

<u>Note</u>: Only use the "Deep" type on larger patients. Other parameter changes will degrade the accuracy on a "normal" patient type.

Changes to "0" ml Result

BLADDER SCAN

2 Low bladder volume or bladder not detected This statement replaces the "0" ml reading

User must tap the question mark or the statement to obtain possible reasons for the result.

Possible Reasons for Poor Results

Low bladder volume or bladder not detected

When using the Uscan Device, a "Low bladder volume or bladder not detected" result can be obtained under the following conditions:

- The bladder is empty or is too small to be detected by the Uscan Device.
- Difficult anatomy or past surgery resulting in scar tissue can affect the accuracy of the measurement.
- Poor scan technique impacting the accuracy of the measurement.

Refer to the "Bladder Scanning" section of the user manual for more information.

TRAINING VIDEOS OK

- Instead of the "0 ml" result, 3 reasons for the not obtaining the bladder volume are presented
- 1). The bladder is nearly empty
- 2). The Uscan encountered too much scar tissue
- 3). Or the user technique was poor and a repeat is necessary

Note: The training videos are available from this screen

Look to the New Setting Tab

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	Organization signostics	>
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	Display	>
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	Administration	>
	Maintenance	>
	System Settings	>

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This is the look and the order for the **<u>Settings</u>** tab

Most of the major changes occur under the **Administration** tab

Scroll down to see all the features

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← Administration		← Administration		inere are a significant number
General		Manage Users Add, modify or remove users	>	of changes to this section. It is important that you learn them
Automatic Updates Check Automatically check for software updates		Ultrasound Scanning		
Allow USB Software updates Allow installation of software updates via USB	•	Restrict Ultrasound Scanning Setup a password for accessing Ultrasound scanning functionality		Typically the IT department will
Settings Management Import or export settings	_/	Restrict Viewing Images during Bladder Scanning Require Ultrasound Scanning password for viewing im during bladder scanning	nages 🗆	be asking many questions
Reset Reset Uscan data and/or settings Security		Recording Settings for recording functionality, which includes sav	ring, printing,	
Enable Administrator Password	D	Ultrasound Data Allow recording		
Users Manage Users Add, modify or remove users	>	Bladder Data Allow recording images and volume		
Ultrasound Scanning		Storage Access		
Restrict Ultrasound Scanning Setup a password for accessing Ultrasound scanning functionality		Restrict USB storage Restrict access to exported images via USB		
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<u>Security</u>

A password will be necessary to change features associated under the "Administration" tab

This password must be remembered or the tablet will have to be reset by Signostics

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← Administration	
General	
Automatic Updates Check Automatically check for software updates	
Allow USB Software updates Allow installation of software updates via USB	
Settings Management Import or export settings	>
Reset Reset Uscan data and/or settings	
Security	
Enable Administrator Password	
Users	
Manage Users Add, modify or remove users	>
Ultrasound Scanning	
Restrict Ultrasound Scanning Setup a password for accessing Ultrasound scanning	
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- <u>Automatic Updates Check</u> Same as before
 The Uscan now allows the USB port to be used for upgrades
 via thumb/flash drive. This use requires permission from the admin
- <u>Settings Management</u> permits setting from one Uscan to be easily transferred to another (same as before)
- Reset allows the Admin to default the tablet
- Users there is no change other than the location



<u>**Ultrasound Scanning**</u> can now be locked down. Scanning is restricted to password use only if desired. Also, viewing images during bladder scanning (makes bladder scanning very difficult) can be turned off for those very rare instances when a customer is concerned that an unqualified user is looking at anatomy

Confirm new password	
<u></u>	
CANCEL	ок

<u>NOTE</u>: An admin password is absolutely required for this feature to be applied



Restrict USB storage Restrict access to exported images via USB

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<u>NOTE</u>: An admin password is absolutely required for this feature to be applied



Storage Access feature allows the USB port to be shutdown. Images cannot be be stored or viewed by linking the tablet to a computer via USB cable.

<u>NOTE</u>: An admin password is absolutely required for this feature to be applied

Exam Data Storage

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夺	Remote Storage Send exams to remote server storage	V
Rem Box	note Server	
Box Not	Configuration Configured	>
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Sen The purp	d Anonymized Data to Signostics data sent to Signostics is only for product improvement boses	
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Exam Data Storage



Exam Data Storage



Organization

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Name Don Rainville		
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Telephone 7243554920		
Email don.rainvill@echonous.com		
ISO Object Identifier		
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Printing

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Choose **Printer Type**

Network printing is configured through the Mopria tab in the **System Settings** tab

Bluetooth printing only works with the Bluetooth printer sold by Signostics

Note: Not all network printers will work

Display

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← Display	
Show Organization and Transducer Frequency Show organization information and transducer frequency on the scan	Ø
Ruler	
Show Ultrasound Button Show ultrasound button on home screen	
Show Bladder Image by Default	

No significant changes here

Clinical

Ask each time

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System Settings	>	

Clinical	▼ 🚔 5:27
Default Patient Type Ask each time	
Strict probe positioning rules Prevent fanning for bladder scan unless bladder o detected	or pubic bone 🛛
Default Patient Type	It is recommended that
O Normal	
O Pediatric	"Ask each time"
О Deep	
O Pregnant	be selected
O Phantom	
O Use last selected value	

CANCEL

Maintenance

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No significant changes here

System Settings

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No change