

Codonics Virtua Disc Anonymization

Technical Brief

Overview

Virtua v4.1.0 allows a user to configure the method of anonymization of DICOM tags.

NOTE: Patient XML/PDF reports are not included on anonymized discs. With the dicom2011 and dicom2011retain Anonymization Profiles, relevant tags in Structured Reports and Encapsulated PDFs are anonymized.

Operational Description

Three files are provided in the \profiles\dicom\ folder on the SmartDrive to assist with the configuration of Anonymization. These files are:

- ◆ anonymize.default.txt
- ◆ anonymize.dicom2011.txt
- ◆ anonymize.dicom2011retain.txt

The 'default' file provides simple anonymization that Virtua provided in releases prior to v4.1.0.

The 'dicom2011' file provides a template that meets the DICOM Standard 2011 3.15 E.2 Basic Application Level Confidentiality Profile.

The 'dicom2011retain' file provides a template that meets the same DICOM Standard and implements the options for retaining the Patient Characteristics and Device Identity.

The files provided may be customized if needed using the configuration settings described in this Tech Brief.

Selecting Anonymization

To control the Anonymization the following settings must be configured in a Job Profile in the \profiles\job folder on the SmartDrive.

Parameter:	anonymizedCopies
Settings:	0 - 99
Default:	0
Description:	Specifies the number of anonymized discs that are created.
Parameter:	anonymizationProfileName
Settings:	Profile Name
Default:	default
Description:	The name of the Anonymization Profile in the \profiles\dicom\ folder to be used. For example, the 'anonymize.dicom2011.txt' file is specified as 'dicom2011'.

Customizing Anonymization

To customize the Anonymization the following settings can be configured in an Anonymization Profile in the \profiles\dicom folder on the SmartDrive.

Parameter:	defaultDummyText
Settings:	Text
Default:	REMOVED
Description:	The text that is used to replace patient information in a DICOM text field.
Parameter:	defaultDummyDate
Settings:	Date string in yyyyymmdd format
Default:	99990101
Description:	The date that is used to replace the value of a DICOM date field in the study.
Parameter:	defaultDummyTime
Settings:	Time string in HHMM[SS] format
Default:	0000
Description:	The time that is used to replace the value of a DICOM time field in the study.
Parameter:	deidentificationMethod
Settings:	Text
Default:	Blank
Description:	Description of the anonymization performed written on the anonymized images. Required by DICOM 2011.
Parameter:	anonymizeTag
Settings:	xxxx,yyyy = K, X, Z, D [= Text]
Default:	As specified in the default files provided in the \profiles\dicom\ folder on the SmartDrive.
Description:	K - Keep the associated DICOM tag as specified in the study. X - Remove the associated DICOM tag from the study. Z - Replace the value with Zero-length text (blank) as specified by the DICOM 2011 standard. D - Replace the value with the Dummy Value of this field type as specified above. Text - Optional. Replaces the value of only this tag with the specified text instead of the default as specified above.

Technical Support

If problems occur that are not covered by this Technical Brief, contact Codonics Technical Support between the hours of 8:30AM and 5:30PM EST (weekends and U.S. holidays excluded).

Phone:	440-243-1198
Email:	support@codonics.com
Website:	www.codonics.com

Get it all with just one call
800.444.1198

All registered and unregistered trademarks are the property of their respective owners. Specifications subject to change without notice. Patents pending.

Copyright © 2013 by Codonics, Inc. Printed in the U.S.A. Part No. 901-459-001.02



17991 Englewood Drive
Middleburg Heights, OH 44130 USA
+1.440.243.1198
+1.440.243.1334 Fax
Email info@codonics.com
www.codonics.com

Codonics Limited KK
New Shibaura Bldg. F1
1-3-11, Shibaura
Minato-ku, Tokyo, 105-0023 JAPAN
Phone: 81-3-5730-2297
Fax: 81-3-5730-2295