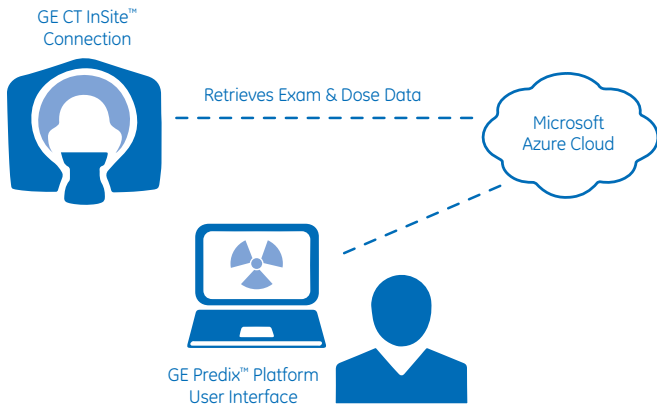


DoseWatch Explore Product Data Sheet

DoseWatch™ Explore is a web-based, cloud deployed, introductory dose management software to track, analyze and report practice-level data for GE CT systems. This software collects radiation dose data directly from your GE CT scanner, then summarizes and presents the data via a web application.



- DoseWatch Explore offers:**
- Protocol-level summary statistics
 - Exam-level protocol parameters and dose data details
 - Embedded analytics for high dose exams, practice details, daily & timeslot performance, protocol trending and comparison
 - Dose alerts per CTDI, DLP, number of irradiation events
 - Database export for enhanced analysis
 - Pre-configured weekly and monthly reports

DoseWatch Explore vs DoseWatch

	Feature	DoseWatch	DoseWatch Explore
Tracking & Awareness	Zero-footprint web interface, VPN accessible	•	•
	Automatic patient dose tracking, multimodality dose history, & BMI record	•	
	Multi-modality: CT, IR, RF, Rad, Mammo & Vendor neutral compatibility	•	GE CT Only
	Support Dose SR for XA procedures	•	
	Direct acquisition from GE Healthcare CT scanners	•	•
	Automated email notifications	•	•
	Customizable email subject and content	•	
	Worklist of upcoming exams with proactive alerts on patient dose history	•	
	List of performed exams by modality, site, device	•	By Device only
	Detailed acquisition parameter data	•	•
	Voting tool to collect feedback on Image Quality	•	
	Calculation of CT effective dose by target region	•	
	Local study description mapping to RadLex Playbook	•	
	National Reference Levels : reference values, regulatory alerts, preformatted exports	•	
	Fully customizable module for local Dose Reference Levels or National Reference Levels	•	
Standards & Regulations	Supports all DICOM standards: MPPS, RDSR, raw image headers	•	
	ACR DIR certified software partner: automated send to ACR DIR	•	
	IHE REM compliant for Dose Reporter and Dose Consumer	•	
	«CE» Marked in compliance with the applicable requirements of the Directive 93/42/CEE	•	



DoseWatch Explore vs DoseWatch

	Feature	DoseWatch	DoseWatch Explore
Optimizing Current Performance	Configurable automated monthly reports	•	non-configurable reports
	Exams & patient with highest dose, analyses per protocol	•	exam analysis per protocol
	Database exports to Microsoft Excel	•	export to .CSV
	Patient exam dose report in PDF format with dose history	•	
	Virtual target values	•	
	Automatic SSDE calculation for CT procedures (AAPM TG204)	•	
	Evaluation of CT acquisition quality: isocenter shift, mA modulation	•	
	Automatic cumulative dose incidence map for CV/IR procedures	•	
Re-imagined User Interface	Comparison tool (per imaging device, exam procedure, date range, etc.)	•	single device, at protocol level
	GE Healthcare Design Specification compliant GUI	•	•
	Interactive patient's timeline	•	
	Boxplots for exam position in statistics	•	•
	Filtered views per site	•	
Enterprise Implementation	Contextual launch of DoseWatch from 3rd-party applications	•	
	Distributed acquisition architecture for multi-site configurations	•	
	Site-specific settings for notifications, statistics, DRLs, lexicon mappings, etc.	•	
	Automated exam acquisition from PACS (exam retrieve workflow)	•	
	Management of user's functional & data access rights (user profiles & teams)	•	
	LDAP integration to enterprise user directory for user authentication	•	
	Inbound HL7 interface for patients updates/merges & procedure updates	•	
	Dose SR creation based on image header analysis	•	
	Auto-forward of MPPS and Dose SR to 3rd party systems	•	
	Outbound HL7 interface to share dose informations for other information systems	•	
	Exam dose report feed to Nuance PowerScribe 360 Reporting	•	
Support	Scriptable templates for outound MPPS, Dose SR and HL7	•	
	Customer training, basic optimization	•	
	Dedicated DoseWatch IT Professional Services team (project management, system integration, training, optimization services)	•	
	DoseWatch Dose Excellence Education Program	•	

DoseWatch Explore Technical Requirements

Compatible GE CT Systems:

- Brightspeed™ Elite & Select Elite
- Discovery™ CT 750 HD & 590
- Optima™ CT 660, 580 RT/W, 540, & 520
- Brivo™ 315 & 325
- Lightspeed™ VCT & 16 series (16 slice & greater)
- Revolution™ (CT, GSI, HE, EVO)

System Requirements:

In order to ensure optimal performance with the DoseWatch Explore software, the following minimum computer specifications are recommended:

Client specifications:

- Windows® 7 operating system, or a later version (Windows XP® for IE 8 in degraded mode)
- Mac OS® 10.8, or a later version
- Minimum recommended monitor resolution: 1280x1024 pixels

Supported web browsers:

- Microsoft Internet Explorer® 8.0 in degraded mode (on Windows XP only), 9.0, or 10.0
- Google Chrome® 27.0 or later
- Mozilla Firefox® 21.0 or later
- Safari® 5.1 and 6.0



For more information please visit: gehealthcare.com/dwexplore

GE Medical Systems, a General Electric Company,
going to market as GE Healthcare
8, place de l'Hôpital
67000 Strasbourg
FRANCE
+33 3 88 22 80 40

General Electric Company reserves the right to make changes in specifications and features shown herein, or discontinue the product described at any time without notice or obligation.

©2015 General Electric Company — All rights reserved