1   1   DoseWatch 1.4 Core License

Includes the following features:

- Zero footprint web interface, VPN accessible
- Automatic patient dose tracking
- Multi-modality: CT, IR, RF, Rad, Mammo
- Vendor neutral compatibility
- Support dose SR for XA procedures
- Direct acquisition from GEHC CT scanners
- Email templates for automated email notifications
- Worklist of upcoming exams with proactive alerts on patient dose history
- List of performed exams by modality, site, device
- Patient BMI record
- Detailed acquisition parameter data
- Patient multimodality dose history
- Calculation of CT effective dose by target region
- Image Quality Voting tool
- Local study description mapping to RadLex Playbook
- Customizable Diagnostic Reference Levels: Nationally defined and/or customer-defined reference values, regulatory alerts, preformatted exports
- Configurable automated monthly reports
- Analysis per protocol of exams and patient 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/Int'v procedures
- Automatic gauges of air kerma, fluoroscopy time and dose area product

- Comparison tool (per imaging device, exam procedure, date range, etc)
- Distributed acquisition architecture for multi-site configurations
- Site-specific settings for notifications, statistics, DRLs, lexicon mappings etc
- Automated exam acquisitions from PACS (exam retrieve workflow)
- Managment of users functional and data access rights based on configurable user teams
- LDAP integration to enterprise user directory for user authentication (Additional Cost)
- Inbound HL7 interface for patients updates/merges & procedure updates (Additional Cost)
- Dose SR creation based on image header analysis
- Auto forward of MPPS and Dose SR to 3rd party systems (Additional Cost)
- Outbound HL7 interface to share dose information for other information systems (Additional Cost)
- Exam dose report feed to Nuance PowerScribe 360 Reporting (Additional Cost)
- Scriptable templates for outbound MPPS, Dose SR and HL7 (Additional Cost)
- GE Healthcare Design specification compliant GUI
- Interactive patient's timeline
- Boxplots for exam positions in statistics
- Filtered views per site
- Contextual launch of DoseWatch from 3rd party applications (Additional cost)

Supports all DICOM standards: MPPS, RDSR, raw image headers. ACR DIR certified software partner: automated to 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.

Includes 90 Day Warranty. Customer is responsible for providing an appropriate Hardware configuration defined with GE

Healthcare based on the customer site specifics.

The final quotation is subject to GE Healthcare General Terms and Conditions, GE Healthcare Additional Terms and Conditions-DoseWatch, and the completed DoseWatch Statement of Work.

2	10	DoseWatch Device Connection CT/Interventional

DoseWatch Device license permits the acquisition of radiation dose data from one CT or Interventional device within the DoseWatch system. This license includes, if applicable to CT or Interventional, the following:

- The implementation of the connection of the device to DoseWatch; only the DoseWatch side of the interface is covered by this license. Any additional software and/or services required on the device must be purchased by the customer. Depending on the device capabilities, the connection may require sending DICOM MPPS, DICOM Radiation Dose SR, DICOM Images or specific device logs from the device. The actual solution implemented shall be specified by the DoseWatch team.
- Configuration of DoseWatch to process the received data and store radiation dose and acquisition-related data into the DoseWatch database.

Modalities supported: CT-scanner and Interventional. Includes 90 Day Warranty

The final quotation is subject to GE Healthcare General Terms and Conditions, GE Healthcare Additional Terms and Conditions-DoseWatch, and the completed DoseWatch Statement of Work.

3	5	DoseWatch Device Connections - Others

DoseWatch device license permits the acquisition of radiation dose data from devices other than CT or Interventional (i.e. radiography device, mammography systems) within the DoseWatch application. It is also used to connect a DICOM system (i.e. PACS system) so DoseWatch can receive or retrieve data from that system. In such case, a license is needed for each

device generating the data and each DICOM system connected to DoseWatch.

This license includes, if applicable to X-ray or Mammography, the following:

- The implementation of the connection of the device to DoseWatch. Only the DoseWatch side of the interface is covered by this license. Any additional software and/or services required on the device must be purchased by the customer. Depending on device capabilities, the connection may require sending DICOM MPPS, DICOM Radiation Dose SR, DICOM Images or specific device logs from the device. The actual solution implemented shall be specified by the DoseWatch team.
- Configuration of DoseWatch to process the received data and store radiation dose and acquisition-related data into the DoseWatch database.

Modalities supported: X-ray and Mammography. Includes 90 Day Warranty

The final quotation is subject to GE Healthcare General Terms and Conditions, GE Healthcare Additional Terms and Conditions-DoseWatch, and the completed DoseWatch Statement of Work.

| 4 | 7 | DoseWatch IT and Professional Services |

A dedicated GEHC Project Manager will be assigned to provide and oversee the configuration and installation of purchased DoseWatch Enterprise software on a server of defined specification (hardware) and configuration of device software licenses on eligible imaging systems.

Customer will provide a (Customer) Project Manager to work directly with the GE DoseWatch project manager in the installation and setup of DoseWatch. The Customer Project Manager will be responsible for the ongoing maintenance of the hardware that houses the DoseWatch software.

Professional Services will be defined by the specific Statement of Work (SOW) and may include the following:

- Understanding of the project architecture and the best workflow
- Installation and configuration of purchased DoseWatch software components
- Setup of the licensed systems in DoseWatch
- Configure network communication between DoseWatch and GE Imaging devices. Work with customer to develop a comprehensive list of equipment to be connected to DoseWatch. This may include equipment not currently covered by GE service contract
- For non GE equipment and/or equipment not currently covered by GE contract, the Project Manager will support the Customer Project Manager to determine technical details such as software rev, MPPS/DICOM capability, etc. in order to determine compatibility with DoseWatch. Please note, MPPS/DICOM capability is sometimes a "for purchase" option. The Customer may need to purchase such options if they wish to connect those systems to DoseWatch.
- Set up initial web interface administrative access and configure user-defined thresholds and alerts.

Excludes:
- Data migration services (unless specifically detailed in SOW)
- Configuration of RIS and/or interface
- Setup of Systems covered by an OEM or third party service agreement
- Providing for and configuring the hardware/software platform for DoseWatch
- Customer provided software, such as network administration, backup and antivirus solutions
- Customer network and/or firewall configurations to ensure connections and bandwidth

| 5 | 3 | DoseWatch Application Product Training (per day) |

GE Healthcare will exercise commercially reasonable efforts to perform the professional services and provide any deliverables described in a written Statement of Work (SOW) signed by both parties.

Customer will provide a clinical focal point to work with our dose clinical specialist. This person will be trained to act as a "super user" of the DoseWatch web interface and reporting functionality. This person should also have the authority to authorize protocol or system setting changes during optimization sessions. Preferably, this person should be part of the hospital's normal radiation safety program.

Recommended uses, based on commercial purchase/agreement. Fundamentals (Implementation and Configuration)

Suggest: Two days on site during initial install, provided from 8AM to 5PM local time, Monday through Friday, excluding GE Holidays and including T&L expenses. Includes:

Training in the use of the DoseWatch web interface including how to view patient records, run reports, customize thresholds and alerts from defaults, etc.

Assess level of protocol standardization, including mapping of divergent protocol names across multiple systems into categories.

| 6 | 2 | Advanced DoseWatch Training (per day) |

GE Healthcare will exercise commercially reasonable efforts to perform the professional services and provide any deliverables described in a written Statement of Work (SOW) signed by both parties.

Customer will provide a clinical focal point to work with our dose clinical specialist. This person will be trained to act as a "super user" of the DoseWatch web interface and reporting functionality. This person should also have the authority to authorize protocol or system setting changes during optimization sessions. Preferably, this person should be part of the hospital's normal radiation safety program.

Recommended uses, based on commercial purchase/agreement. Fundamentals (Implementation and Configuration)

Suggest: Two days on site during initial install, provided from 8AM to 5PM local time, Monday through Friday, excluding GE Holidays and including T&L expenses. Includes:

Training in the use of the DoseWatch web interface including how to view patient records, run reports, customize thresholds and alerts from defaults, etc.

Assess level of protocol standardization, including mapping of divergent protocol names across multiple systems into categories.

Optimization

Suggest: Minimum 4 days (based on number of GE devices) 30 days following initial install, working with the customer to review the first 30 days of collected data to help establish a baseline and determine next steps. Best practice review, technologist dose training review, and protocol optimization based on report findings. This session will also be used to insure proficiency in use of the web interface and the reporting and analytical tools.

Follow-up

Suggest: Up to 10 hours of remote consultations performed on an on-going basis through the first year.

Advanced

Suggest: Advanced Dose Optimization services for GE Healthcare equipment includes the following:

- Review historical Dose data
- Outline and review all protocols currently set up
- Identify opportunities for the customer to standardize, adjust protocols or build new, customized protocols as needed
- Identify opportunities to better use dose saving features
- Review ALARA principles (e.g. in interventional fluoroscopy GE's "12 Dose Reduction Recommendations")

| 7 | 1 | Dose Management Design Workout |

One half day onsite visit focused on preparing department for alignment on dose management vision and strategy. Change Acceleration Process (CAP) tools are utilized through a structured process to lead change and promote long term adherence to a dose management program.