



Intelligent RT (iRT)

iRT is a completely new, fully-interoperable radiation therapy collaboration system (RTCS) for holistic patient workflow management. It was designed with clinicians for clinicians. The iRT ecosystem, powered by Edison™ Health Services with RT Interoperability Engine and AI Inferencing, gives the entire care team simplified access to an intuitive visualization of patients' longitudinal history, current care status, and next tasks to complete. In addition to robust iRT-specific applications, clinics have the flexibility to integrate their current or preferred applications—those that continue to best enhance their particular workflow—into iRT. Applications and capabilities can be added, as desired.

All clinically-relevant information is collected, analyzed, sorted, and displayed in real time on one common interface. The goal is to reduce the patient's time from intake to first dose by reducing redundancies, wait time and manual entries.

Features

- Top level control of the entire RT care continuum from a **single interface**
- A customizable ecosystem that seamlessly hosts & orchestrates multi-vendor applications (**your existing applications + iRT-specific applications**)
- **Complete interoperability** with all major functional systems (e.g., OIS, PACS, EMR, TPS, QA)
- Relevant data sets options are provided and **only selected data moves forward** in the patient workflow
- **Complete and track tasks**, add notes and communicate with colleagues simultaneously



Platform

- Edison Health Services with RT Interoperability Engine and AI Inferencing

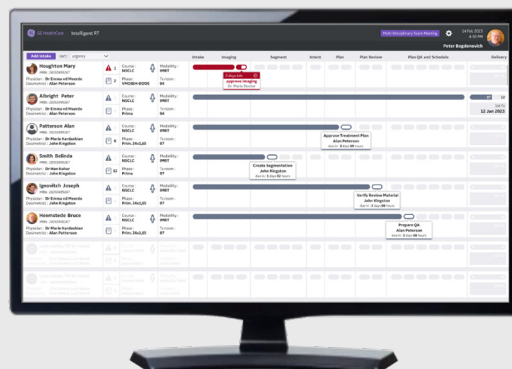
Applications

- Department's existing RT applications
- Workflow Manager
- Course Directive
- Case Exchange—Multi-Disciplinary Team (Pro package)

iRT-specific applications

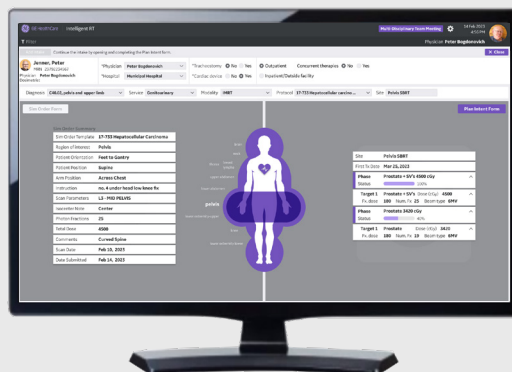
Workflow Manager

Workflow Manager is more than just a home screen. It is intelligently optimized workflow designed to eliminate the frustrations of repeated multi-screen data searches. It orchestrates easy access to all applications. Its dynamic data aggregation is invisible to the user. All clinically-related data is collected, analyzed, sorted, and displayed in real time, replacing manual steps that can cost you critical time and effort.



Course Directive

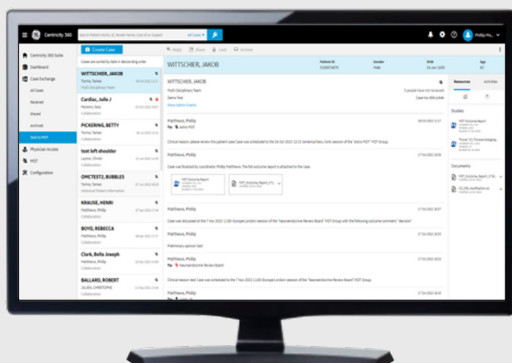
The Course Directive application consolidates the patient intake and planning directive steps. Patient demographic information, history, and alerts from the oncology information system can be easily retrieved from one screen. The simulation order and physician's intent of the patient treatment planning are clearly displayed for the team to reference.



Case Exchange MDT

(Pro package)

Case Exchange MDT aims to enable clinicians to refer their patients to a multi-disciplinary team, where the patient case is reviewed for the purpose of evaluation or discussion by the group.



Details & specifications

Regional availability

Canada | European Union | India |
United Kingdom | United States of America

Patient population

In-patient/Outpatient

Care department

Radiation Oncology

Care pathway

Radiation Therapy

Functional systems interoperability

- Oncology Information System (OIS)
- Picture Archiving and Communication System (PACS)
- Electronic Medical Record (EMR)
- Treatment Planning System (TPS)
- Quality Assurance (QA)
- Health Level-7 (HL7®)
- Digital Imaging and Communication Radiation Therapy (DICOM-RT 2nd generation)
- Integrating Healthcare Enterprise Radiation Oncology (IHE-RO)
- Simulator
- Pre-planning application (segmentation & registration)

Minimum platform requirements

EHL platform with ML350 EHL box configuration:

- CPU: 80
- Memory: 512 GB
- GPU: 1
- Root disk: 1920 GB
- Data disk: 12000 GB

Minimum system requirements

Mosaic OIS

Authentication

EHL WSO2