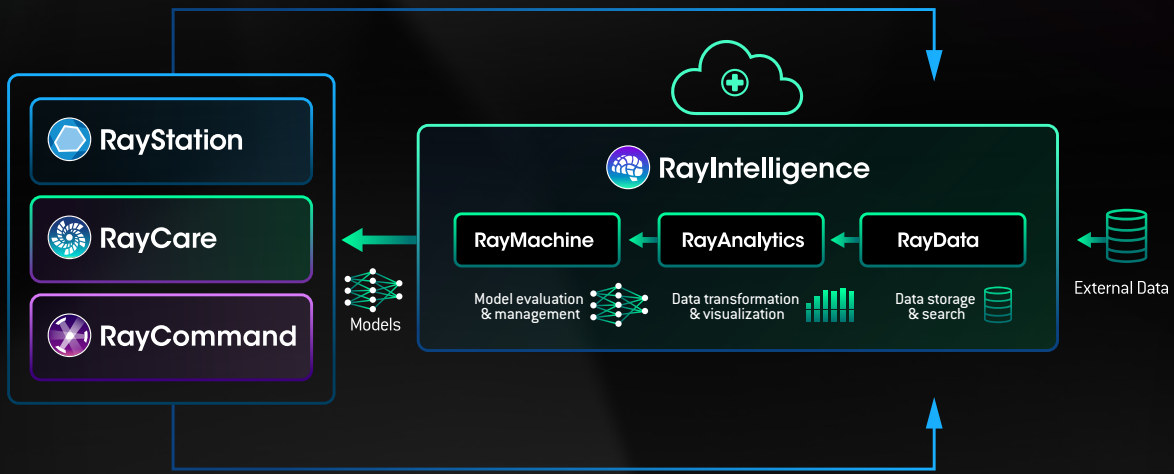


Data collected during the patient journey possesses a wealth of information that can help you improve and streamline your workflows. There is seldom a lack of patient data in today's clinics, but often a lack of time to merge and analyze. This is why we have created RayIntelligence®. This cloud-based oncology analytics system is designed to help turn your data into insights.



## VISION



### WHAT IS AN ONCOLOGY ANALYTICS SYSTEM?

Our oncology analytics system uses open APIs to facilitate the seamless integration of your patient data. Pre-generated dashboards for visualization and drill-down will enable you to define data sets for trials, monitoring, research and to enable clinics to faster evaluate changes in their plans for a group of patients.

RayIntelligence simplifies data integration with the treatment planning system RayStation and supports patient and treatment population analysis, research activities and workflow improvements. It can be used to display patient data in all areas of cancer care including radiation therapy, medical and surgical oncology. Future versions of RayIntelligence will be integrated with other systems at the clinic such as PACS, OIS, and HIS.\*

### WHAT IS RAYINTELLIGENCE?

A cloud-based oncology analytics system

**RayData** Simplifies and automates data integrations

**RayAnalytics** Enables insights from real-world data

**RayMachine\*** Simplifies the deployment process

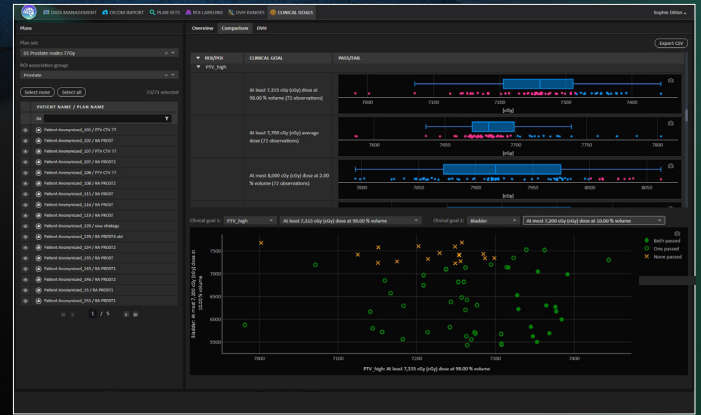
### WHY RAYINTELLIGENCE?

- Enable data insights
  - Integrate different data sources
  - Automatic data upload pipeline
  - Perform population analytics
  - Make decisions based on real-world data
- Simplify machine learning process
  - Data set analysis and creation
  - Batch runs for model validation
  - Monitoring of model performance

\*Subject to regulatory clearance in some markets.

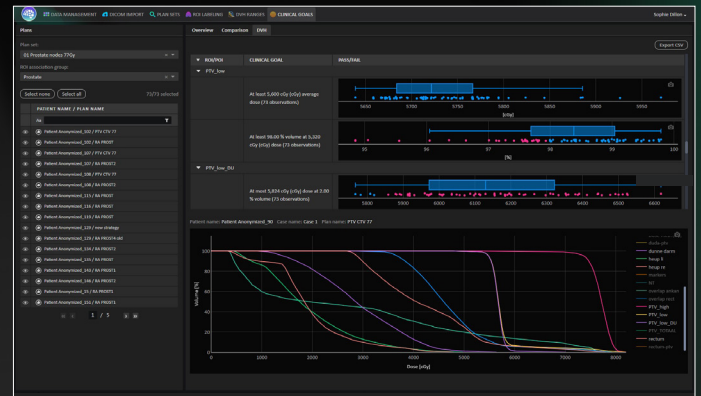
## RAYDATA

- On-premises integration with RayStation database systems
- Automatic export of RayStation data from the Patient DB
- Possibility to anonymize RayStation data before upload
- Encryption of data in transit and at rest
- Automatic upload of exported RayStation data to cloud storage
- Robust dedicated storage in the cloud with full data integrity
- Dashboard for transferred data and integrations
- Interface for connecting third-party BI tools such as Tableau
- DICOM integration with support for DICOM file import



## RAYANALYTICS

- Access to original patient data in RayStation
- Computation of metrics based on data ingested via RayData such as dose statistics and clinical goals
- Dashboard to search data and define data sets
- Dashboard for data cleaning and ROI names
- Dashboard for DVH ranges with statistics
- Dashboard for clinical goals
- Dashboard for DICOM import including import history

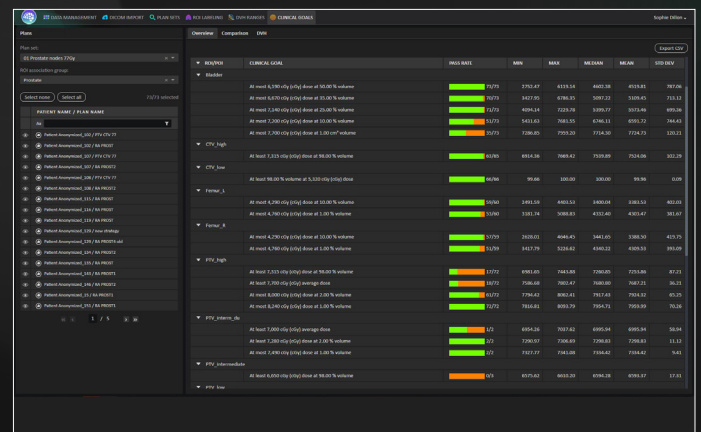


## IS IT IN THE CLOUD?

Yes, it is in the cloud, and there are several benefits to that. You can scale your usage of the service up or down depending on the current need. Your data is backed up and protected in a secure and safe location operated by Amazon Web Services (AWS) – one of the world's leading providers of cloud computing. Upgrades come on a regular basis, and last but not least, it saves your IT department from having to manage and maintain expensive equipment.

## ABOUT SECURITY

Data security is a top priority in RayIntelligence, and all data is encrypted both in transit and at rest. User authentication is based on SAML with continuous security monitoring.



The screenshot shows a dashboard for a patient named 'Patient\_1000000001'. It features a 'CLINICAL GOALS' section with a table of goals:

CLINICAL GOAL	MEASUREMENT	MIN	MAX	MEDIAN	MEAN	STD DEV
At least 4.000 cGy (D50) dose at 90.00% volume	7079	5702.07	8301.00	6901.00	6910.00	6920.00
At least 6.000 cGy (D50) dose at 25.00% volume	6173	3127.00	6760.00	3997.73	3997.73	733.62
At least 2.200 cGy (D50) dose at 25.00% volume	10779	4094.14	7220.79	6766.77	6766.77	699.09
At least 2.200 cGy (D50) dose at 10.00% volume	11773	5413.63	7863.55	6766.11	6766.11	794.43
At least 2.200 cGy (D50) dose at 1.000% volume	11773	7088.00	7790.00	7704.00	7704.00	538.23
At least 2.025 cGy (D50) dose at 90.00% volume	8199	6514.36	7668.42	7100.00	7104.00	502.20
At least 90.00% volume at 3.000 cGy (D50) dose	8199	78.00	100.00	80.00	80.00	0.00
At least 4.000 cGy (D50) dose at 10.00% volume	10760	2913.50	4163.53	3400.00	3385.53	402.00
At least 4.000 cGy (D50) dose at 1.00% volume	10760	3381.74	3980.00	4302.00	4302.00	381.67
At least 4.000 cGy (D50) dose at 10.00% volume	10779	3240.01	4446.45	3441.00	3386.50	423.75
At least 4.000 cGy (D50) dose at 1.00% volume	10779	3417.79	5126.82	4360.22	4369.50	391.00
At least 2.025 cGy (D50) dose at 90.00% volume	10779	6911.00	7463.00	7260.00	7263.00	87.00
At least 2.025 cGy (D50) average dose	10779	7068.48	7662.47	7460.00	7462.21	36.21
At least 2.025 cGy (D50) dose at 2.00% volume	10779	7796.42	8693.41	7927.43	7928.02	45.75
At least 2.025 cGy (D50) dose at 1.00% volume	10779	7614.61	8616.79	7945.71	7950.00	76.04
At least 2.000 cGy (D50) average dose	10779	7505.26	7927.82	7691.04	7695.00	56.04
At least 2.000 cGy (D50) dose at 2.00% volume	10779	7796.42	8693.41	7927.43	7928.02	45.75
At least 2.000 cGy (D50) dose at 1.00% volume	10779	7707.77	7463.00	7564.42	7564.42	94.00
At least 6.000 cGy (D50) dose at 90.00% volume	10779	6710.00	8000.00	6700.00	6700.00	17.00

\*Subject to regulatory clearance in some markets.