Roche

navify Tumor Board

Interoperability: Data Integration and Workflow Support

Supports secure integration of relevant electronic medical record (EMR) data for a holistic review of oncology cases.

The strength of navify Tumor Board lies in the comprehensive and standardized view of integrated healthcare data from multiple sources aiming to support efficiencies in tumor board meetings. Historically, data has varied in structure and semantics across IT systems within an institution and across healthcare providers.

Gathering such data prior to a multidisplinary team meeting is time consuming. navify Tumor Board supports treatment decisions and provides a holistic view of the patient data through integration and incorporation of this data.

A cloud-based digital data integration platform is used to manage seamless navify Tumor Board implementations with minimum institutional effort.

Integration Process and Resource Requirements

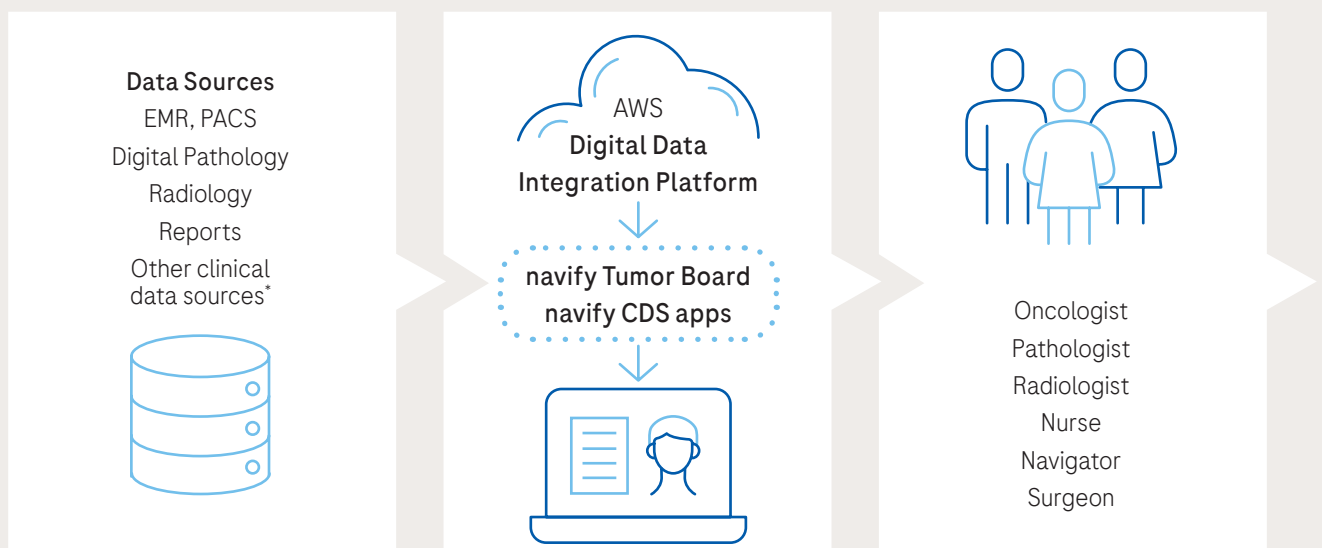| Sponsor	Project Manager	End User	Integration	Physician Champion
Create conditions that **enable the project team** to function in the most efficient manner	**Access** a single point of contact for all aspects of the implementation	List facility / equipment requirements	Establish interface **connectivity**	**Align key clinicians** across the enterprise
Remove major barriers to success	**Plan the project** with all key stakeholders	Design **workflow**	Identify authoritative **data sources**	Provide input in the stakeholder analysis and communication plan
Address major schedule and budget changes	**Monitor and control** all aspects of the project	Develop **training plan**	Confirm application of business rules (e.g. routing and transformation	
Approve final deliverables and gain **project acceptance**	**Escalate critical issues** as needed to address major barriers	**Test workflow**	Provide support with end-user **testing**	
		Deliver training and go-live application support		
		Assist with change management		
		Enter and maintain clinical data		
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Roche ✓	✓	✓	✓	✓
Institution 5% FTE	25% FTE	25% FTE	20 - 40% FTE	5% FTE

Note: Estimated time for average engagement. A more precise estimate will be provided during the planning phase of your project.

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This detailed process engages customers every step of the way to meet clinical and operational goals.

Roche provides an end to end integration process to support the implementation of navify Tumor Board.

- Captures an institution's unique attributes and data-structure deviations
- Creates a hospital-specific integration plan
- Applies learnings from previous integration projects to accelerate value realization

Diverse medical data models, including HL7 v2, v3, FHIR and hospital- or system-specific formats are converted to the navify Tumor Board FHIR-based format, enabling data to work together seamlessly.

Data Sources
EMR, PACS
Digital Pathology
Radiology
Reports
Other clinical data sources*

AWS
Digital Data Integration Platform

navify Tumor Board
navify CDS apps

Oncologist
Pathologist
Radiologist
Nurse
Navigator
Surgeon

HL7 v2, FHIR Custom, CCDA*

Features:

- A general data lifecycle following Ingest, Validate, Evaluate, Transform and Transmit
- Ability to integrate across numerous clinical data domains
- The ability to create reusable data-transformation assets that can be used across facilities
- The easy addition of new facilities through coding-free configuration

A dedicated Roche project manager works to ensure the entire process progresses smoothly, anticipating the institution's needs and consulting with the client at every step to make integration as easy as possible.

* Under development

navify®