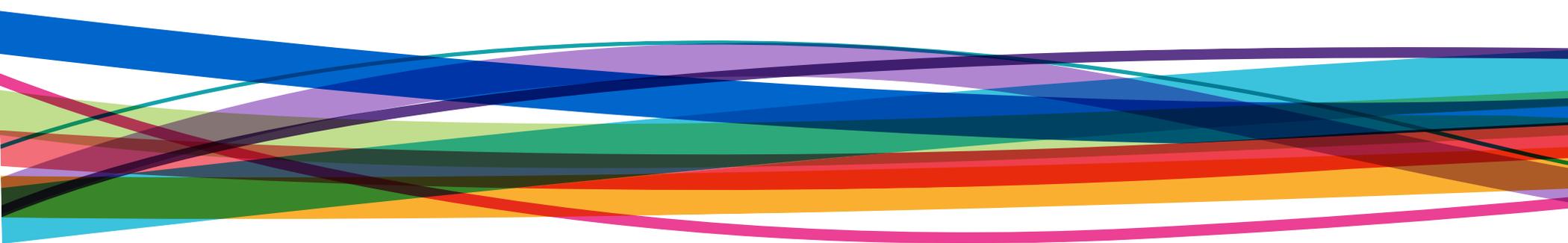NAVIFY® Decision Support portfolio

Data Privacy and Security

Provide secure access to confidential patient information and scientific data for a trusted, holistic view of each patient
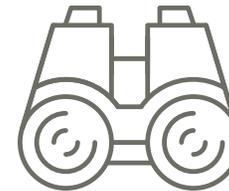
NAVIFY®

NAVIFY portfolio safeguards
and manages sensitive patient data

Enable your care teams to create better-informed patient treatment strategies while adhering to global, regional and country regulations that govern the privacy and security of sensitive patient data.

We give ongoing attention to data security within NAVIFY portfolio.

Explore how NAVIFY portfolio is structured so that:

- Care providers and specialists can quickly identify relevant information they need to collaborate on treatment strategies, no matter where they are

- You and the Roche implementation team can deploy NAVIFY portfolio with little to no overhead, high adoption and reduced workload

- Your data is respected and protected no matter when or where your care teams need it

- Your organization can remain compliant with help from the attention we have given to local, regional and country data privacy requirements.

What's Inside

NAVIFY®

Help clinicians make better-informed care decisions with secure data

NAVIFY portfolio is **a suite of cloud-based Software as a Service (SaaS) solutions designed to keep sensitive patient data safe and accessible** to healthcare providers and specialists.

What is NAVIFY portfolio?

An enterprise-class suite of solutions that empower the global healthcare community

NAVIFY portfolio advances personalized healthcare by aggregating patient information, relevant data, clinical evidence and analytics. NAVIFY portfolio enables your institution to deliver informed strategies and decisions in an era of infinitely expanding medical knowledge and technology. Learn more at **navify.com**.

NAVIFY®

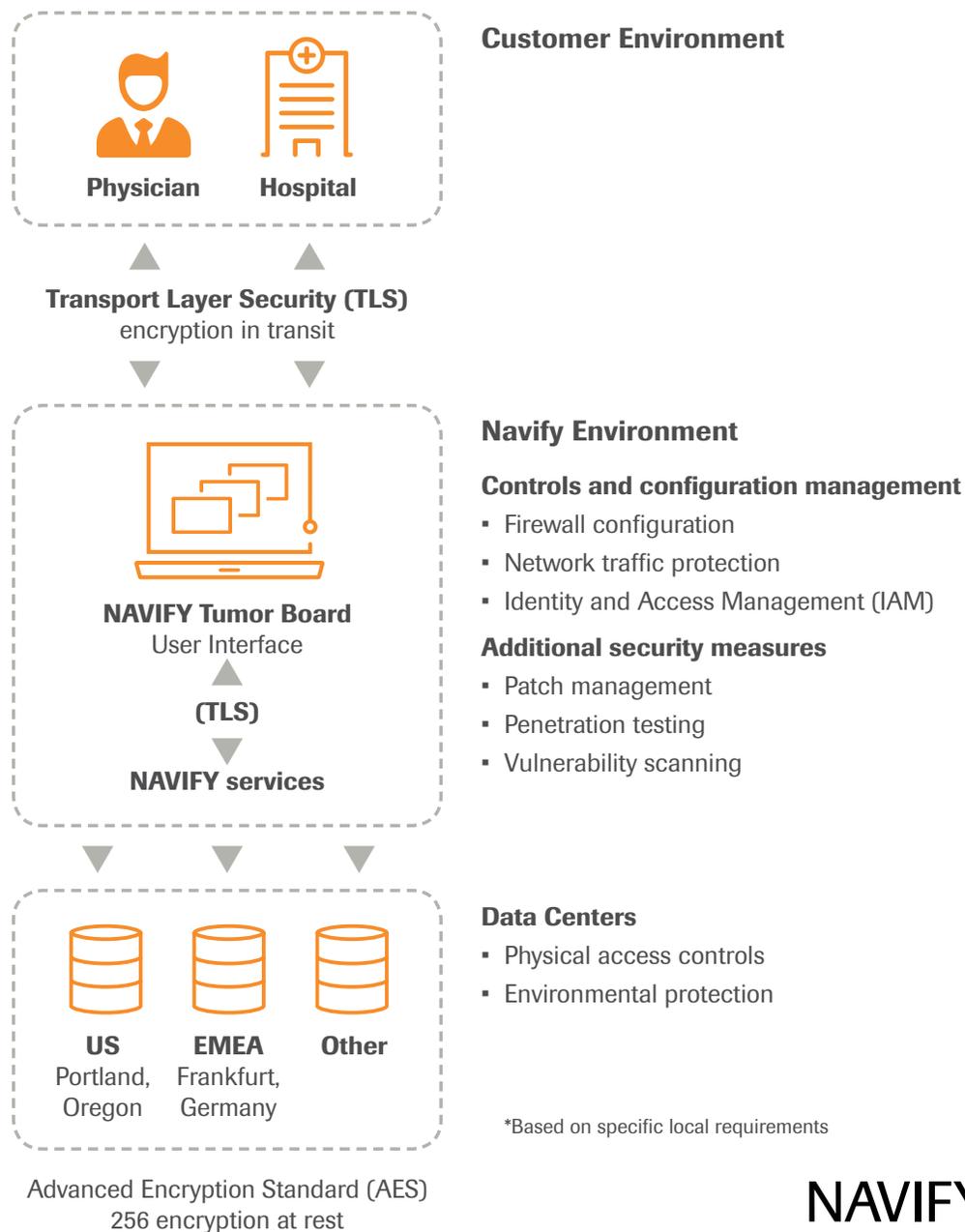# How NAVIFY portfolio protects patient data with multi-layer security

As a cloud-based solution set, NAVIFY portfolio can reduce the operational burden on your IT resources because security functions and compliance requirements are features of our design.

Roche takes our responsibility for safeguarding patient data seriously which is why we chose to partner with industry leaders to provide the core infrastructure and then build security up the stack. We partner with Amazon Web Services for secure data centers and storage. The NAVIFY Platform provides infrastructure controls, logging and monitoring of the environment.

Additionally, NAVIFY architecture **ensures customer data is segregated** from that of other institutions. Within institutions made up of multiple facilities, access to data is granted to users by their assigned facility.

Vigorous safeguards and data management

Customer Environment

Physician   **Hospital**

Transport Layer Security (TLS)
encryption in transit

NAVIFY Tumor Board
User Interface

(TLS)

NAVIFY services

Navify Environment

Controls and configuration management
- Firewall configuration
- Network traffic protection
- Identity and Access Management (IAM)

Additional security measures
- Patch management
- Penetration testing
- Vulnerability scanning

US
Portland, Oregon

EMEA
Frankfurt, Germany

Other

Data Centers
- Physical access controls
- Environmental protection

*Based on specific local requirements

Advanced Encryption Standard (AES)
256 encryption at rest

NAVIFY®

Purpose-built to meet evolving healthcare needs
Relocation from on-premise to cloud-based services is a trend in healthcare

>70%
of US healthcare organizations[1]

5.4%
cloud growth in Europe[2]

More than 70 percent of US healthcare organizations have moved at least some applications or locally owned and managed IT infrastructure to third-party services in the cloud as a strategy to:[1]
- Free up capital investment resources for other priorities
- Lower IT operating costs

In Europe too, there is a growing trend for healthcare organizations to move to the cloud, with a 5.4% cloud growth rate between 2016 and 2017.[2]

Data security and privacy are top concerns in the healthcare field. We offer a secure, compliant portfolio and a cloud-based solution.

To enable healthcare teams with the right data at the right time, NAVIFY portfolio securely and safely accesses a variety of sources for information such as:
- Patient demographics from electronic medical records (EMR)
- Clinical data and notes, including cancer data
- Radiology images and reports from picture archiving and communication systems (PACS)
- Pathology images and reports
- Laboratory results

NAVIFY®

Security, reliability and dependability

We track the flow of data in transit and in storage in the cloud, **provide safeguards at every stage of the data's life cycle,** and map policies, procedures and technical measures to regulations in each geography.

Here's how NAVIFY portfolio delivers the key functions and features important to healthcare IT professionals.

NAVIFY portfolio

Robust Security
AWS and NAVIFY Platform automate multiple levels of security and monitoring.

Data Privacy
Easily adapts to changing data privacy needs and requirements for data storage locations while upholding the rights of data subjects. We will not access patient data nor pass it to third parties.

Compliance Requirements
Benefits from a certified system that is continuously monitored to keep it stable and secure.

Efficiency
Implements with little to no overhead using easy-to-deploy, scalable features.

Reliability and Uptime
Delivers robust resiliency and disaster recovery capabilities.

NAVIFY®

Trust NAVIFY technology for data protection

Healthcare institutions need a trusted and experienced partner to offer solutions that can better support staff while also meeting regulatory obligations.

Roche recognizes the importance of incorporating privacy and security principles in our software infrastructure and has designed NAVIFY Tumor Board to **operate in accordance with the laws and regulations, including HIPAA (US) and GDPR (EU), of each jurisdiction where it is available.** In addition, NAVIFY Tumor Board has obtained ISO 27001, ISO 27017 and ISO 27018 certifications.

See how NAVIFY Tumor Board is built with industry-leading technology to keep personal data (per GDPR) and protected health information (per HIPAA) secure and private.

Learn more at **navify.com**.

Robust attention to compliance responsibilities ensures changing security needs are continuously met

NAVIFY®

Roche

Advancements with NAVIFY technology and data

For more than 120 years, Roche has been a globally recognized healthcare leader. Our legacy makes us a trusted source of medical insights and knowledge. We partner with you in a committed strategy to expand what's possible for your institution and your patients.

By building digital healthcare technologies, such as NAVIFY portfolio, acquiring access to companies, such as Viewics, Flatiron Health and Foundation Medicine, and allying with industry experts such as GE Healthcare, we are doing now what our clients need next to enable decision support, personalized healthcare and value-based medicine.

Trust NAVIFY portfolio with patient data

Contact your Roche account manager or visit **navify.com.**

[1] Landl, Heather. "Survey: 70% of Providers Using Off Premises Computing for Some Applications." Health Informatics. December 14, 2017.

[2] IDC. "Cloud Adoption in European Healthcare Organizations." 2018.

NAVIFY®