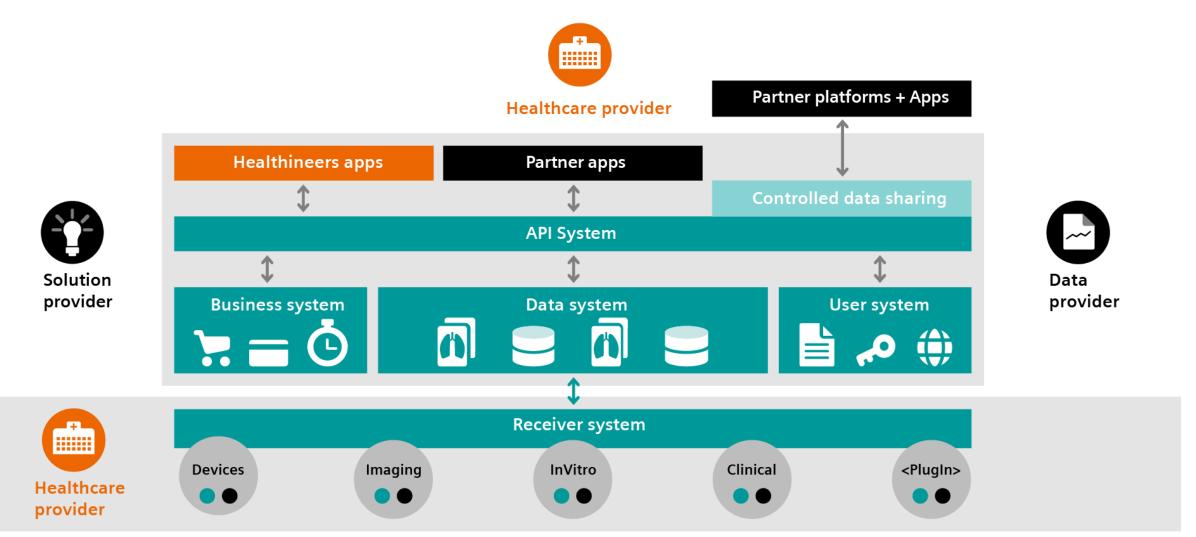
#### **Siemens Healthineers teamplay**



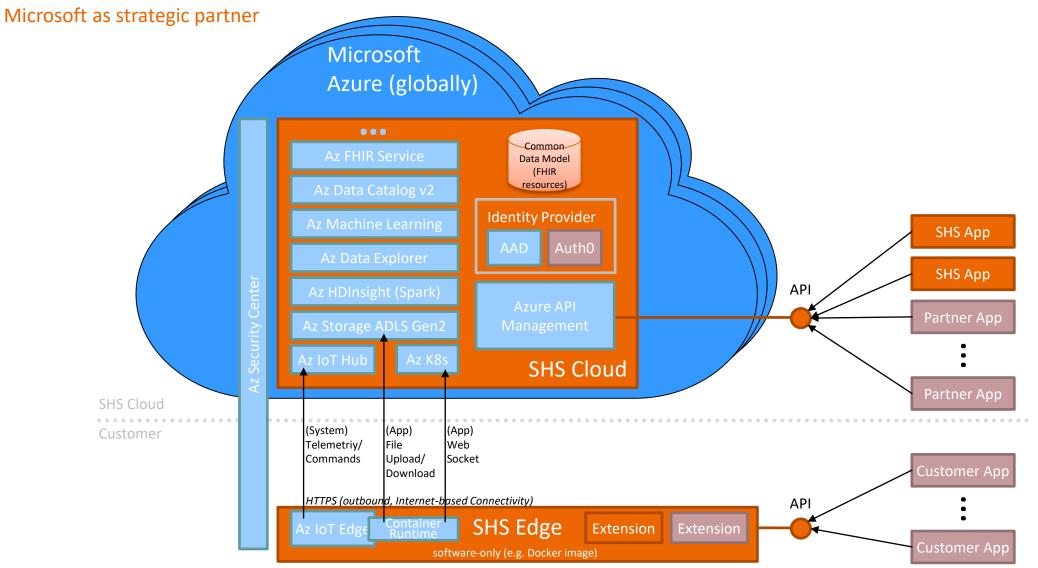
- teamplay consists of multiple teamplay Core Apps and the teamplay Cloud Platform
- The teamplay Core Apps are focused on clinical radiology use cases and offer radiation dose monitoring, scanner fleet usage and performance analysis, examination protocol management, benchmarking with other institutions and medical image viewing and sharing functionality – in sum a solution for supporting efficiency improvements in radiology departments
- The teamplay Cloud Platform also serves 3<sup>rd</sup>-party partner apps and services
- teamplay is the **technical infrastructure and data layer of an ecosystem platform** which is fostering a community network of healthcare providers, partner companies, research institutions and also patients
- teamplay is **built for Azure exclusively** and uses mostly PaaS and Containers
- teamplay is fully developed, built and deployed out of Azure DevOps
- teamplay has pioneered Cloud-based offerings and platform business models within Siemens Healthineers, now many other groups in the company are starting to adopt the model
- See also <u>https://www.siemens-healthineers.com/infrastructure-it/digital-ecosystem/teamplay</u>

# teamplay Architecture Overview

Logical Building Blocks



# teamplay Cloud Platform

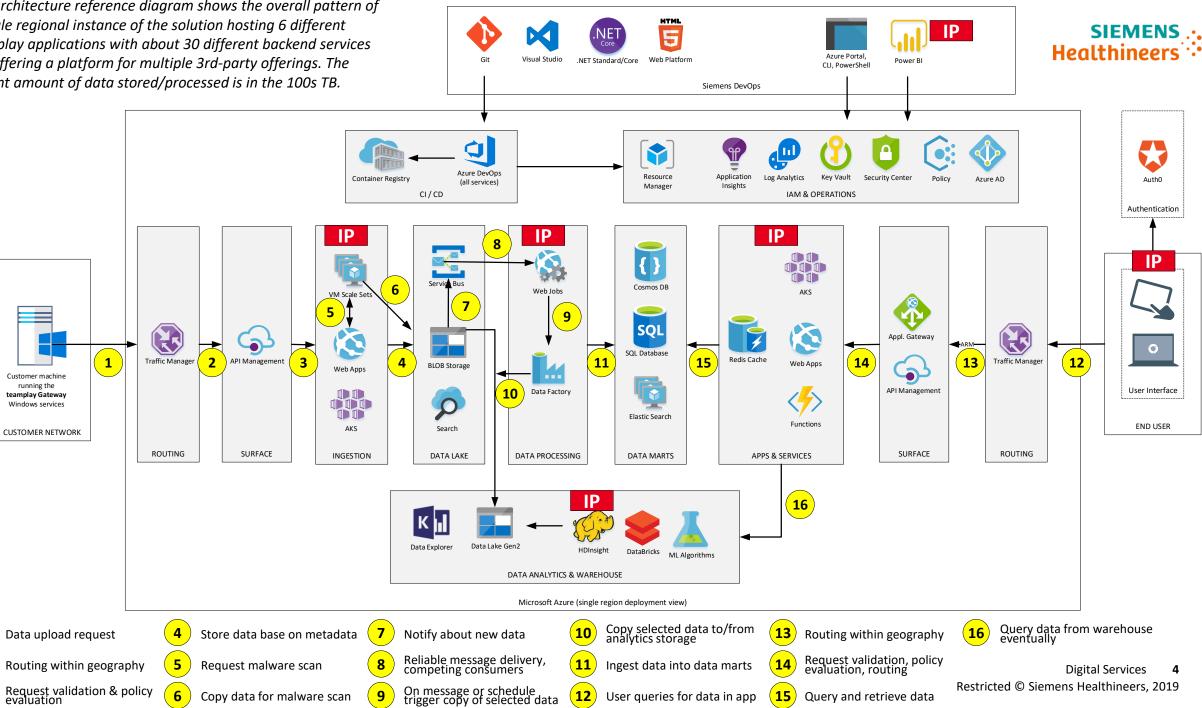


This architecture reference diagram shows the overall pattern of a single regional instance of the solution hosting 6 different teamplay applications with about 30 different backend services and offering a platform for multiple 3rd-party offerings. The current amount of data stored/processed is in the 100s TB.

1

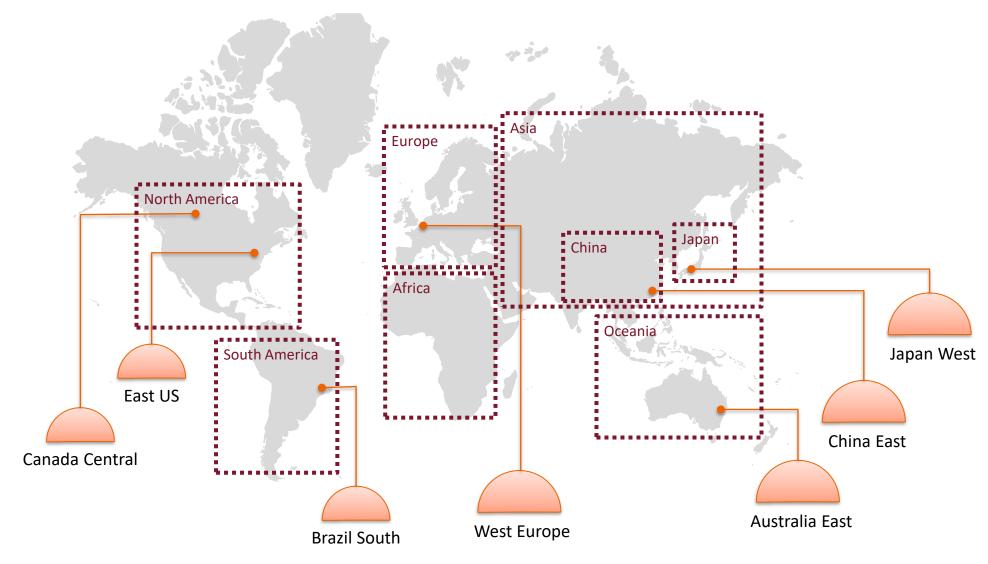
2

3



# teamplay Deployment

**Global Overview** 





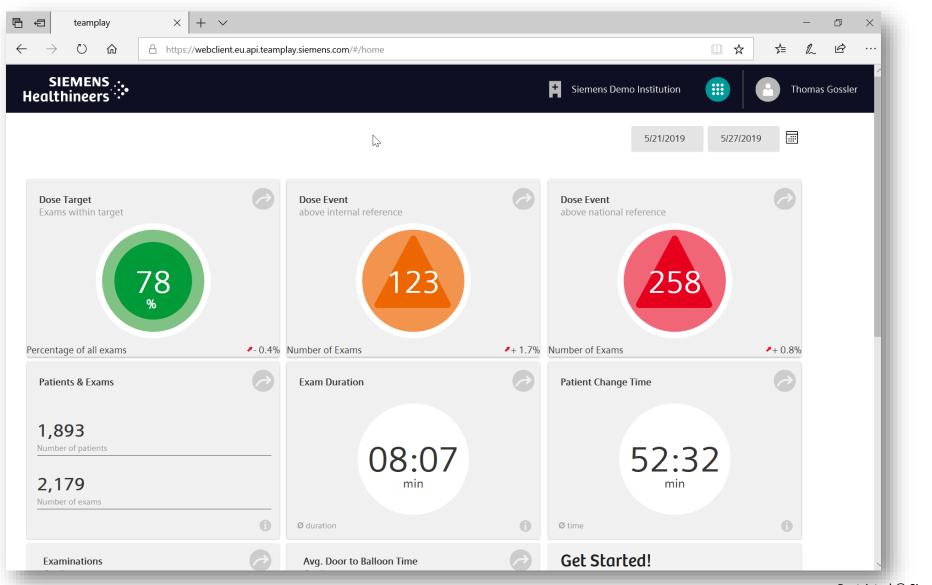
Azure Region

Geography

- One independent teamplay instance per Azure region
- Few connections from all instances to global resources in Europe
- Each deployment has its own API Management instance with a region-specific domain name

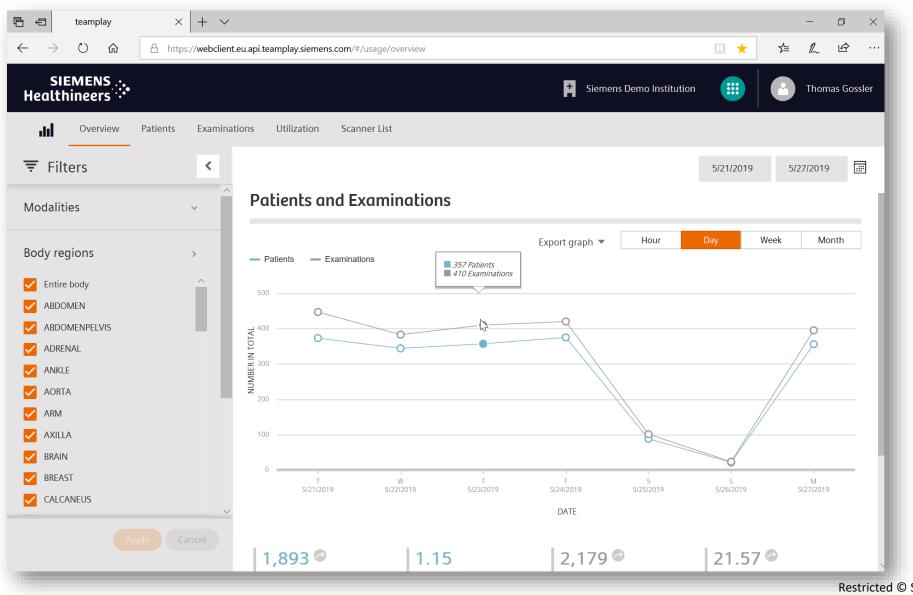
## teamplay UI – Dashboard





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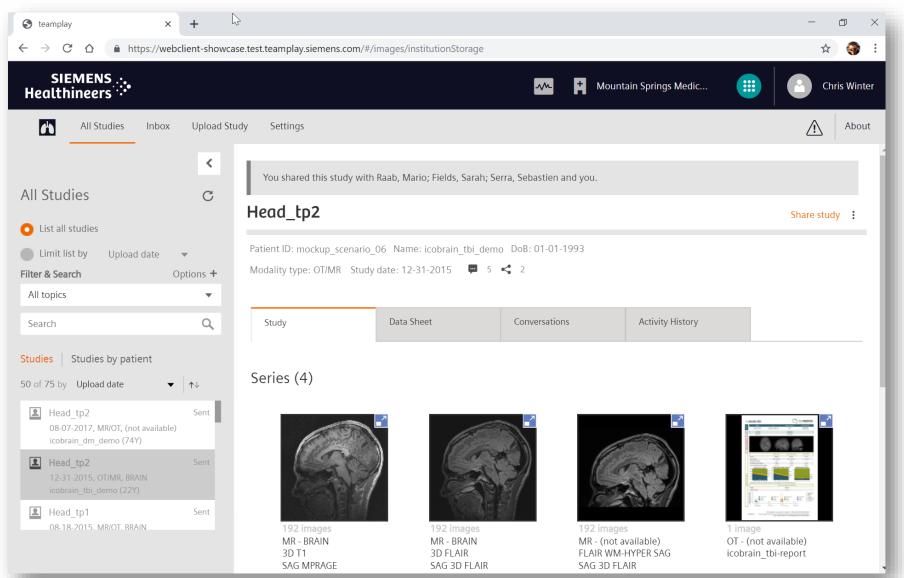
## teamplay UI – Usage App



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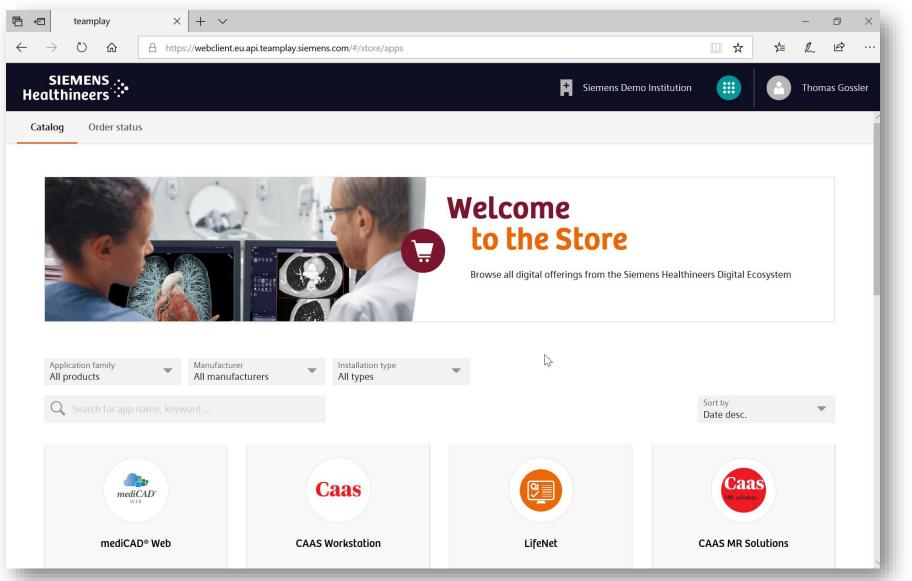
## teamplay UI – Images App





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### teamplay UI – Store App

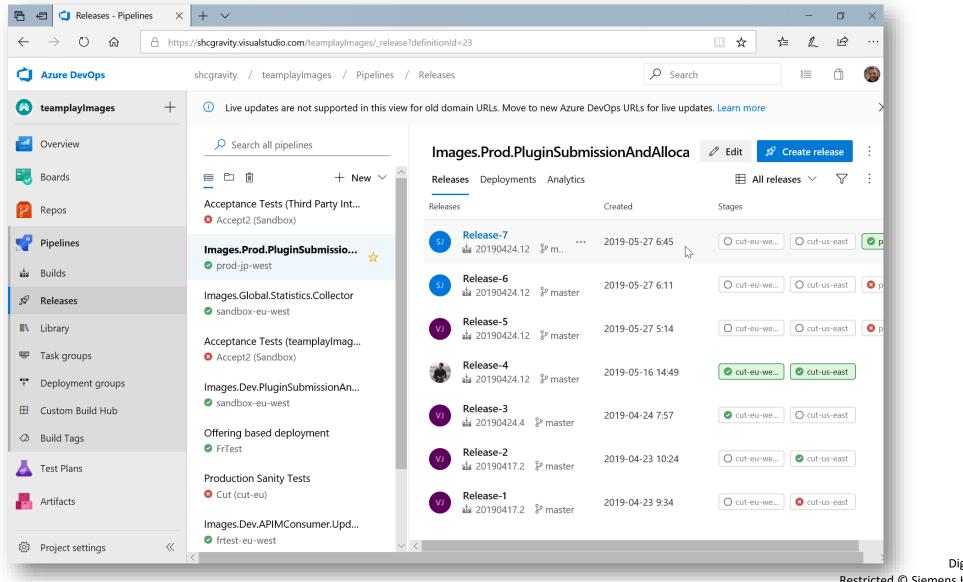


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### teamplay on Azure DevOps



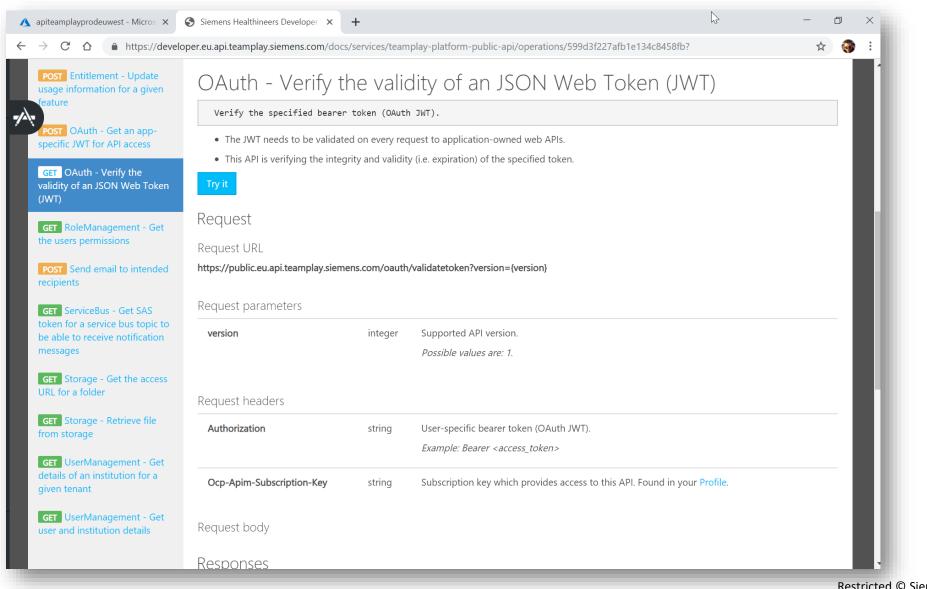
teamplay is fully developed, built and deployed out of Azure DevOps



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#### teamplay API Developer Portal





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