

Analyze services provide a framework for ingesting and managing data, executing ETLs and analytics applications, and quickly visualizing retrospective, predictive, and prescriptive data.

Value

- **More data, more insights:** Enables the development of big data analytics solutions to derive predictions and meaningful insights
- **Simplification:** Reduces the complexities of building and maintaining distributed big data computing environments by providing a common set of tools to ingest, transform, and extract data for advanced data visualization

Modality AI

The Analyze platform includes **Modality AI**, which provides a pre-integrated AI/AV workflow solution for businesses to seamlessly integrate a wide range of Philips and third-party clinical applications into all stages of the modality workflow. This improves the clinician's productivity and empowers technicians for a superior patient experience.

Modality AI is a managed, multi-tenant platform offering consisting of the following services: DICOM Store, DICOM Gateway, and AI Orchestration.

The **DICOM Store** provides cloud-based storage for DICOM Data as part of the HSDP Store. It offers standards-based interoperability between enabled apps and devices with third-party systems via the DICOMweb standard interfaces. DICOM Store is integrated with the Identity and Access Management (IAM), Clinical Data Repository (CDR), and auditing and logging services to enable seamless secure and compliant clinical workflows.

The **DICOM Gateway** lets you ingest DICOM data from existing on-premises Philips and third-party devices and workstations via the classic DICOM C-Store interface. You can also use DICOM Gateway to retrieve DICOM data from the Cloud DICOM Store to existing Philips and third-party devices and workstations via the classic DICOM C-Move interface.

AI Orchestration is a managed, multi-tenant platform offering that enables integrates third-party SaaS, Philips-hosted, and Philips-developed AI applications into the modality workflow of Philips scanners. It also integrates with DICOM Store and DICOM Gateway for DICOM data support.

AI ToolSuite

The **AI ToolSuite** is available for Philips business units only. It is an end-to-end, scalable, quick-start AI development environment offering native AWS services with HealthSuite security and privacy guardrails and integrates with Philips ecosystems. The AI ToolSuite offers ML Project templates, model preprocessing, training experiments and annotation tools, seamless data access, traceability and reproducibility, MLOps, and AI Solution specification reports.

**For more information,
please go to hsdp.io.**