






silverback

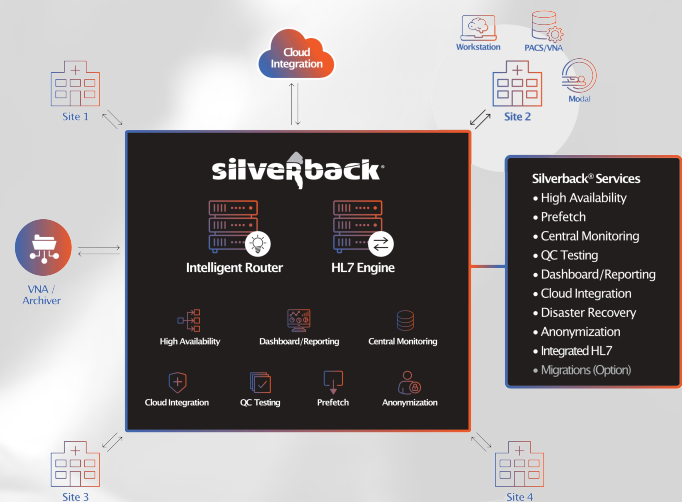
WORKFLOW ENGINE[®]

Driving *Intelligence* in Enterprise Imaging with the Silverback[®] Workflow Engine!

DataFirst's **Silverback[®] Workflow Engine** is an advanced DICOM routing solution powered by an integrated HL7 workflow engine, purpose-built for enterprise imaging workflow orchestration. It gives healthcare organizations complete control over their imaging ecosystem—enabling modernization of PACS infrastructure, seamless interoperability, and secure data migration at scale—while delivering unmatched performance, visibility, and reliability across high-volume, multi-site environments.

Silverback[®] Advantages

-  **Intuitive, simple UI enables fast customization** of workflows tailored to your exact operational needs.
-  **Automation and intelligence drive efficiency**, accuracy, and quality across routing and orchestration.
-  **Continuous enterprise-wide monitoring** from any device—ensuring system health, performance, and uptime.
-  **Future-ready architecture** built to scale with AI, analytics, and evolving enterprise demands.
-  **Rapid deployment** with no disruption to clinical operations.



Trusted Leaders in Imaging Interoperability

Billions of Medical Imaging Studies Managed
100+ U.S. Health Systems Integrated
100% U.S. Based Development and Support



DataFirst is the leader in solving the toughest imaging interoperability workflows with the Silverback[®] Workflow Engine.



silverback

WORKFLOW ENGINE®

Why Silverback®?

Integrated HL7 Workflow Engine

- Synchronizes orders, results, ADT, and worklists for clean, accurate data flow.
- Eliminates bottlenecks caused by disconnected or outdated interfaces.
- Powers complete interoperability across large imaging ecosystems.

Vendor Independence & Data Ownership

- Frees health systems from proprietary lock-ins.
- Supports open, standards-based interoperability.
- Fully customizable to match organizational workflows and timelines.

Advanced DICOM Routing

- Dynamic, rules-based routing tailored to complex enterprise environments.
- Intelligent distribution across modalities, PACS, VNAs, cloud archives, and reading groups.
- Real-time visibility into routing performance and network traffic.

Scalable for Any Imaging Environment

- Expandable architecture that adapts to health system growth.
- Supports multi-site, multi-PACS, multi-VNA, and hybrid cloud environments.
- Designed for long-term flexibility and evolving market needs.

Enterprise Imaging Orchestration

- User-defined logic for intelligent, automated workflow handling.
- Centralized monitoring and alerts accessible from any device, anywhere.
- Ensures operational continuity and rapid issue resolution.

Data Migration Services

Powered by the Silverback® Workflow Engine

- High-speed migration at scale. Billions of imaging studies moved across PACS, VNAs, and archives.
- No downtime. No disruption. Live migrations without impacting clinical workflows.
- Complete control, start to finish. Orchestrated data movement with seamless cutovers and full ownership.

Proven Performance Backed by 25+ Years

With more than two decades of experience and billions of studies migrated, DataFirst remains the most trusted partner for advanced workflow orchestration, imaging interoperability, and high-speed enterprise data migration.

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datafirst®

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