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# silverback™ WORKFLOW ENGINE

# ONE Unified Platform

## Driving *Intelligence* in Enterprise Imaging with the Silverback Workflow Engine!

DataFirst's **Silverback Workflow Engine** combines advanced DICOM routing and an integrated HL7 engine for enterprise imaging workflow orchestration. Built into this unified platform, **Silverback HarmoniX** identifies, classifies, and harmonizes inconsistent DICOM study and series descriptions. Together, these capabilities give healthcare organizations greater control over their imaging ecosystem-supporting PACS modernization, seamless interoperability, and secure data migration at scale while delivering 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
- ☑ **DICOM study and series harmonization** improves consistency in image presentation and downstream workflows
- ☑ **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

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

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## 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- Eliminates bottlenecks caused by disconnected or outdated interfaces.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.

### 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.

### 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.

### Open Scalable Platform & Data Ownership

- Supports standards-based interoperability across multi-site, multi-PACS, multi-VNA, and hybrid cloud environments.
- Reduces proprietary lock-in while keeping imaging data and migration timelines under your control.
- Scales with organizational growth and adapts to evolving workflows.

### HarmoniX

- Identifies and classifies inconsistent DICOM study and series descriptions.
- Applies template-driven attributes and harmonized descriptions.
- Improves hanging protocols, image presentation, workflow consistency, and downstream classification.

### 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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