Common Challenges in Digital Projects

Technology investments fall short of expectations when internal support, alignment and data readiness are lacking. This can lead to low adoption, lost value and disconnected digital initiatives.

Ineffective Information Handover

When handover requirements aren't clearly defined from the start, critical information gets lost between project delivery and operations. Without a lifecycle view, early decisions fail to account for long-term asset needs, negatively impacting safety, costs and the value of digital tools.

Unclear Use Cases

Without clear business drivers, digital tools are implemented for their features rather than their fit. Misaligned use cases make it difficult to demonstrate value, leading to fragmented efforts and lost momentum.

Low User Adoption

New systems are often seen as too complex or irrelevant. Without meaningful improvements, trustworthy data or proper change management, users push back against adoption. People naturally resist change, and when support is lacking, they revert to legacy tools or manual workarounds.

Poor Data Quality

Inaccurate and inconsistent data undermines trust in digital tools. When information is disconnected from operations, it limits functionality and prevents teams from realizing the full benefits of implementation.

Unsustained Technology

Technology frequently becomes shelf-ware after go-live. Without long-term ownership, change management and ntegration with other in-house or corporate systems, tools lose relevance and fail to support day-to-day work. When data isn't shared across platforms, the value of the technology quickly diminishes.

Enhancing Your Digital Projects

ReVisionz brings over two decades of experience supporting technology initiatives across engineering, construction and operations within asset-heavy organizations. Our team combines domain expertise with practical project support to help clients implement and sustain systems that fit their operational needs.

By aligning with internal teams, collaborating with vendors and providing structured tools and training, we help organizations reduce rework, improve adoption and extend the value of their technology investments throughout the asset lifecycle.

Change Enablement

The success of your digital projects is directly tied to people embracing, adopting and using your new solution. Successful transformations require a strategy for the technological, organizational and individual impacts of related changes.

ReVisionz develops a client-customized change enablement and training approach as part of all our services. This is critical to achieving the intended results for your asset and prepares your organization to maximize value delivery from your projects.

About

ReVisionz

Pioneers in digital transformation programs since 2001, ReVisionz is the premier consulting and technology partner for owners/operators who want to enable an intelligent digital view of physical assets for decision-makers to unlock value and reduce safety, process and regulatory risk.

revisionz.com

ReVisionz

Experts Guiding Your Digital Journey

Combining our digital enablement expertise and your data to improve asset safety, performance and compliance.

revisionz.com

Digital Projects Services

Digital technologies promise greater efficiency and performance, but without the right foundation, many implementations fall short. Poor adoption, unclear use cases and limited internal capacity can turn investments into shelf-ware.
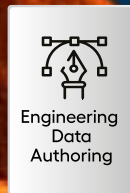
ReVisionz helps organizations protect and maximize their technology investments by guiding every phase of the digital project lifecycle, from early design through handover to operations. With deep domain expertise, we define business-aligned use cases, configure and implement fit-for-purpose tools, and ensure long-term sustainment so your technology delivers lasting value.

Digital Projects Services – Building the Digital Thread
Enabling Lifecycle Value & Cost Reduction

REVISIONZ

- Tag & Doc Registry
- EPC Self-Serve
- EDT Support/Digital Twin Setup, Config, Support
- Project Doc Control
- EPC & Supplier self-serve tag creation & updates

- Simulation (4D/5D)
- Misfit Identification (Clash Detection)
- Progress Monitoring & Verification
- Inventory Ctrl – Lay down
- Work Package Management

- Information Auditing & Verification
- Master Tag Registry Validation
- Automated Tag to Doc Cross-Ref
- Digital Turnover
- EDT/Digital Twin Sustainment

- Maintenance & HAZOP Reviews
- AM/Reliability Design Reviews
- OPEX/CAPEX Budgeting
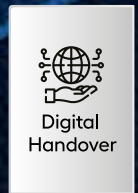- Master Data Extract, Prep, Load

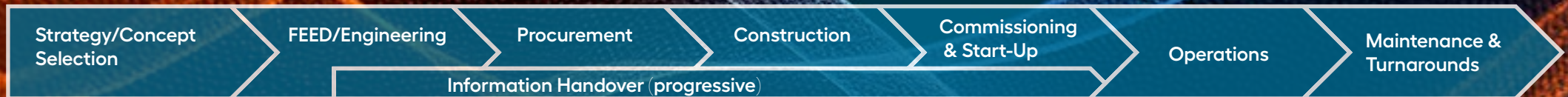**Engineering Data Authoring**

Digital Collaboration

Integrated Construction Management (Planning Progress & Visualization)

Operational Readiness

Digital Handover

Strategy/Concept Selection	FEED/Engineering	Procurement	Construction	Commissioning & Start-Up	Operations	Maintenance & Turnarounds

Information Handover (progressive)

Materials Management

Integrated Procurement

Integrated Project Controls

Integrated Completions Management

Digital Twin In-Context Visualization

- Supplier Management
- Purchasing
- Expediting / Logistics
- Requisitions
- Bill of Materials

- Management of change registry
- Impacted information identification and updates
- MOC KPIs

- Systemization
- Punch Lists & Certificates
- Check Sheet Management
- Surplus Material Management

- Lifecycle Laser Scan Management
- Laser Scan Geo-Tagging
- As-build verification
- 3D Model Visualization
- Augmented Reality
- Gold Record Aggregation
- In-Context Visualization