

Professional Development Days – Gaining Momentum

Architectural Capabilities

September 10, 2025

The Architecture Team Mission

The Architecture Team is here to help projects **succeed**.

Let's partner early, so we can help reduce risk, accelerate timelines, and ensure project alignment with VT goals.

GPS Architecture Team

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AVP for IT Governance, Planning, and Strategy

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Additional Contributors

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ESET IT Learning Systems

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Human Resources

Architecture Team Priorities/Objectives

- **Business partnership**
foster inclusive/collaborative environment, drive meaningful change, ensure strategic alignment
- **Student Information System modernization**
capture and verify processes, journeys, capabilities, services, applications, orgs, and roles
- **Product usability**
identify service level expectations
- **Technical debt reduction**
assist with solution architectures
- **Information transparency**
design/create portal for architecture information sharing, discovery, and analysis
- **Enabling AI Integration**
build a cohesive and responsible AI ecosystem that accelerates AI integration and ensures strategic alignment

When and How Does Architecture Fit In?

■ Discovery

- **Map business processes to capabilities and roles**
clarify responsibilities, identify gaps, align business needs with solution
- **Link business processes to supporting applications**
reduce complexity, optimize application portfolio, improve efficiency

When and How Does Architecture Fit In?

■ Planning

- **Define the functional and technical structure of the solution**
ensure alignment with enterprise standards, guide the implementation
- **Document known compromises or shortcuts in the solution**
support future planning, mitigate risk, promote continuous improvement
- **Document deviations from the planned architecture**
maintain architectural integrity, identify corrective actions
- **Specify performance indicators and service expectations**
enable accountability, track performance, ensure customer satisfaction through measurable outcomes
- **Outline stakeholder messaging, timing, and channels**
enhance transparency, promote stakeholder engagement, facilitate change management
- **Plan instructions and guidance for end users**
facilitate adoption, reduce errors, improve user confidence and productivity

When and How Does Architecture Fit In?

■ Execution and Closeout

• Review and finalize

- Mapping of business processes to capabilities and roles
- Links between business processes and applications
- Compromises or shortcuts made in the solution
- Deviations from the planned architecture

Open Discussion