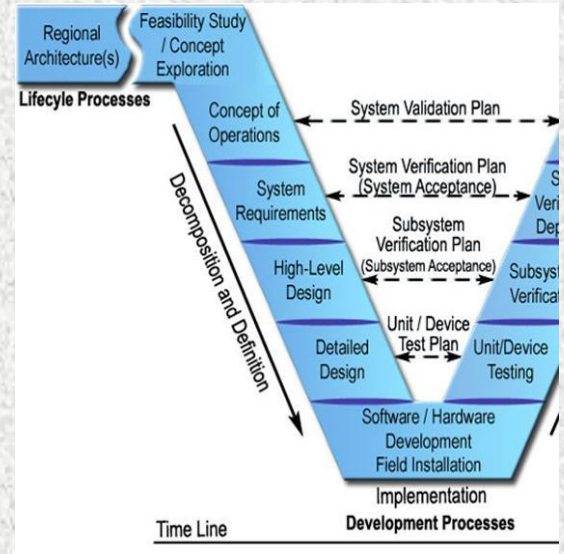


ITS Systems Engineering

What We Do

- Develop Regional and National ITS Architectures.
- Perform Systems Engineering management and analysis for ITS projects.
- Develop key documentation for ITS projects, including Project Management Plans (PMPs), Systems Engineering Management Plans (SEMPs), Concept of Operations (ConOps) and Systems Requirements.
- Develop high level system design, project specifications and traceability matrices for ITS projects.
- Develop and implement Verification and Testing Plans.



Where We Have Done It

- 78+ Regional and National ITS Architectures documented and developed world-wide.
- Systems engineering process applied to key ITS Standards, including ITE/AASHTO TMDD, NTCIP 1203 (Dynamic Message Signs), and SAE J2735 (Connected Vehicles).
- Data Exchange Format Specification (DXFS) and Implementation Guidance to satisfy Section 1201 of SAFETEA-LU, on the Real-Time System Management Information Program (RTSMIP).
- Transit Schedule Data Exchange Architecture, a scalable data reference model and XML schema for the data exchange of transit information.
- ITS Standards Deployment Plans and ITS Strategic Deployment Plans.

Why ConSysTec?

- We utilize the systems engineering process in development, design, implementation and testing.
- Experience developing planning documents: Regional & National ITS Architectures, Strategic Deployment Plans.
- Proven ability to write project and equipment/system specifications, and test plans for deployments.
- Certified Systems Engineering Professionals (CSEP)

Cross Cutting Solutions Employed by ConSysTec:

1. Risk Management
2. Configuration Management
3. Independent Testing and Validation

