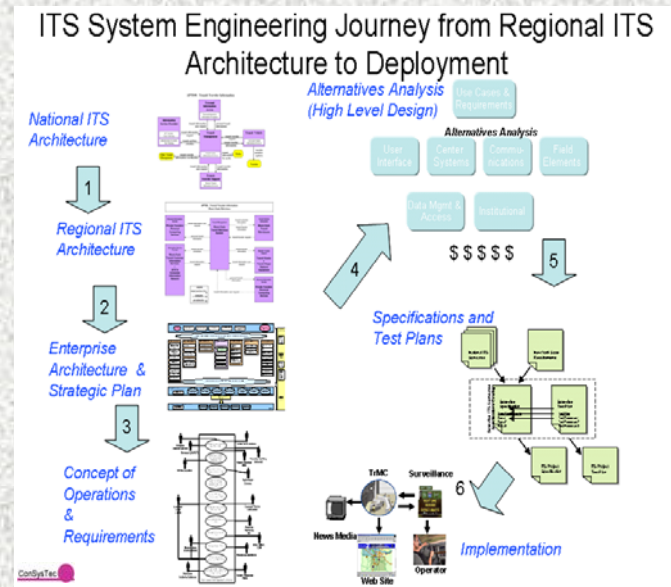# Transit Management

What We Do

Using consensus-based, system engineering methods:

- Provide system analysis, specification development, procurement and program management support.
- Provide Data Management and Enterprise Architecture Planning (EAP) analysis consistent with the TCRP Transit Enterprise Architecture & Planning Framework (TEAP Framework).
- Develop systems that support integration of multiple transportation organizations and regional transit providers, e.g., Integrated Corridor Management, Travel Management Coordination (human service, paratransit and fixed route information), Regional Trip Planning and Real Time information.
- Develop Web Services Framework for Regional Transit Data Management for multiple agencies.
- Develop Transit ITS Strategic and Implementation Plans that incorporate ITS Architecture provisions.
- Develop Regional Transit Data Integration strategies, specifications and deployment services for schedule, planning, real time and fare collection data.
- Collect and process transit schedules from multiple agencies to be used in regional trip planning systems, and provide support for agencies using the General Transit Feed Specification (GTFS).

ITS System Engineering Journey from Regional ITS Architecture to Deployment

Where We Have Done It

- Employed EAP to develop various transit IT/ITS strategic plans for transit operators.
- Developed ConOps and Requirements for a variety of Transit ITS Applications including Real Time Transit Information, TSP, Incident Reporting, and Integrated Corridor Management (ICM) and Travel Management Coordination.
- Developed Web Services Framework for Regional Transit Data Management System for Downstate New York Region.
- Provided Data Management and Strategic Plans for Transit ITS Technology deployment for small to large sized transit agencies.
- Developed best practices and guidebooks on AVL, TEAP, and managing transit and spatial data.

Why ConSysTec?

- Provide practical solutions and best practices to meet the needs of our customers.
- Internationally recognized experts in Transit ITS.