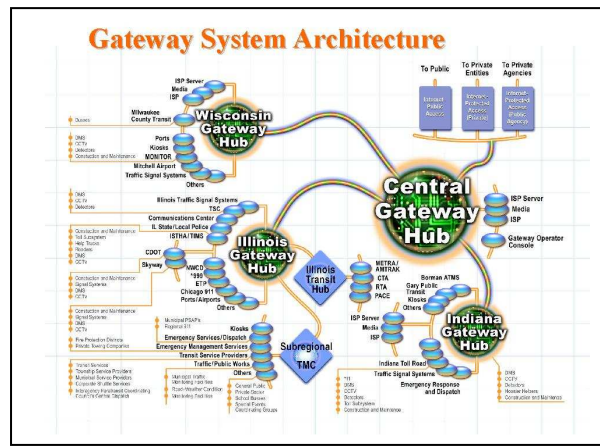


## ITS Architecture

The Gary-Chicago-Milwaukee (GCM) Corridor program has provided agencies the opportunity to develop a corridor-wide architecture. The GCM Corridor Architecture is intended to facilitate data sharing and cooperative control among ITS systems and components within the corridor.

An Intelligent Transportation Systems (ITS) architecture provides a framework to address how system components interact and work together to achieve the system goals. An ITS architecture is different from system design. It describes what is to be deployed, but not how those systems are to be implemented. Within the framework of an architecture, different designs can be applied. An ITS architecture could be described as a “road map” for system development.



The objective of this architecture development effort was to create an open and integrated ITS architecture for the GCM Corridor that supports existing and future GCM projects and enhances compatibility of existing architectures within the GCM Corridor and emerging national ITS architecture. Coordination with other ITS architecture efforts within the corridor was a crucial step in this corridor architecture development effort. Through meetings, workshops, information sharing and cross referencing, coordination between the GCM Corridor Architecture and other architectures within the corridor was promoted to enhance architecture consistency throughout the corridor area.

The GCM Corridor ITS Architecture was completed in September 2001. The document is available at: [www.gcmpic.ai.uic.edu/reports\\_papers/Reports%20and%20Papers.html](http://www.gcmpic.ai.uic.edu/reports_papers/Reports%20and%20Papers.html)

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