In 1999, TransCore was selected by the Los Angeles County DPW to establish a coordinated network for sharing information and control of the various traffic control systems along the I-210/Foothill Freeway using a common network backbone based on the Common Object Request Broker Architecture (CORBA). Sharing information and control along the I-210 Corridor is intended to improve coordination between member Agency traffic control systems as well as improve incident response and management activities.

TransCore has overall technical responsibility to design, develop, and implement the San Gabriel Valley Information Exchange Network (SGV IEN).

What is unique to the SGV IEN is the fact that the primary focus of the system is intersection traffic control as opposed to freeway management. Key components of the SGV IEN include:

- Establishing a common system interface (IDL) which allows the connection of heterogeneous traffic control systems onto the IEN backbone
- Sharing second-by-second intersection data to support real-time workstation, intersection, and section displays, arterial coordination, and incident response management
- Allowing smaller Agencies to share control and monitoring for off-hours support and maintenance (thus, a single Agency can serve as the after hours coordination center for all of the traffic control systems in the region)
- Pop-up control windows that allow operators to change the plan/mode of any intersection
- Incident and planned event tracking system which allows the Agencies to share incident, planned event, and construction activities
- Scenario manager, which allows the member Agencies to establish multi-Agency incident response/mitigation plans

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