

## APPENDIX A8: ELEMENTS AND INTERFACES (PRINTABLE DOCUMENT)

The California Statewide ITS Architecture focuses on state-level and interregional services in California that will supplement the regional ITS Architectures and deployment plans to ensure that statewide and interregional services are deployed in an integrated and cost-effective manner. The Interfaces web page provides a set of hyperlinks to the complete statewide ITS architecture information, spanning all Caltrans districts and planning regions in the state. Information for a particular district or region can be accessed by returning to the “Project Reports” page and selecting “Regional”.

The web page also provides access to the following existing and planned information:

- Stakeholders;
- ITS Elements (organized by stakeholder and by National ITS Architecture entity);
- Market Packages;
- Interfaces and Information Flows; and
- Functional Requirements.

This information has been generated from a Turbo Architecture database which defines the entire Statewide ITS Architecture. The source database in Microsoft Access format is also available for downloading.

A primary purpose of the architecture is to identify the interregional and statewide connectivity between California transportation systems. The following table identifies every interface defined for the statewide architecture. Each entry in the “Interfacing Element” column is a link to more detailed information about the particular interface. The individual element interfaces can be accessed on the California Statewide ITS Architecture and System Plan web site, located at <http://www.kimley-horn.com/caarchitecture/task9/intro.htm>, by clicking on the “Interfaces” button.

Element	Interfacing Element
Amtrak Schedule Operations	Metrolink Operations Center
Archive Data User Systems	California HPMS
	Caltrans District Pavement Management Systems
Arizona DOT TMCs	Caltrans District 11 Transportation Management Center
	Caltrans District 8 Transportation Management Center
ASPEN	CHP Commercial Vehicle Section
	Commercial Vehicles
	Safety and Fitness Electronic Report (SAFER)
	Statewide Integrated Reporting System (SWITRS)
Baja Transportation Management Center	Caltrans District 11 Transportation Management Center
BART Fleet Management System	California Office of Emergency Services Operations Centers
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
Bay Area Transit Administration	Central California Transit Systems
	County and Local Emergency Operation Centers

Element	Interfacing Element
Bay Area Transit Administration (continued)	Northern California Transit Systems
Bay Area Transit Stations and Stops	Translink Smartcard
Bay Area Transit Vehicles	Translink Smartcard
BCBP Offices	CHP Dispatch Centers
	County Public Safety Dispatch Centers
Broadcast and Print Media	California Highway Information Network(CHIN)
	California Highway Information Web Page
	Caltrans District Web pages
	CHP Dispatch Centers
CA CVIEW	CHP Commercial Vehicle Section
	CHP Weigh-In-Motion/ Inspection stations
	Credentials One Stop Shopping
	CVO Pre-Pass Sites
	IFTA Clearinghouse
	IRP Clearinghouse
	Other States Credentials Admin and Safety Systems
	Safestat Database
	Safety and Fitness Electronic Report (SAFER)
	Single State Registration System (SSRS)
CA DMV Enforcement Vehicles	Caltrans Weigh-In-Motion Stations
	CHP Weigh-In-Motion/ Inspection stations
California Commercial Vehicle Inspection System (CCVIS)	CHP Commercial Vehicle Section
	Commercial Vehicles
	Safety and Fitness Electronic Report (SAFER)
	Statewide Integrated Reporting System (SWITRS)
California Highway Information Network(CHIN)	Broadcast and Print Media
	Caltrans District Maintenance Dispatch
	Central California Transit Systems
	CHP Dispatch Centers
	County Public Safety Dispatch Centers
	CVO ATIS Truckstop Kiosks
	Municipal Public Safety Dispatch
	Northern California Transit Systems
	Regional Integration of ITS (RIITS)
	Regional Transit Information System (RTIS)
	Southern California Transit Systems
	Special Police Force Dispatch
	User Personal Computing Devices
California Highway Information Web Page	Broadcast and Print Media
	Caltrans District Maintenance Dispatch
	CVO ATIS Truckstop Kiosks
	User Personal Computing Devices



Element	Interfacing Element
California HPMS	Archive Data User Systems
	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans Satellite TMCs
	Regional Transportation Management Information System (RTMIS)
California National Parks and National Forests	Central California 511 Systems
	Northern California 511 Systems
California Office of Emergency Services Operations Centers	BART Fleet Management System
	Caltrain Operations Center
	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Central California 511 Systems
	Central California Transit Systems
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
Los Angeles County Metro - Bus Operations	
Los Angeles County Metro - Rail Dispatch Center	
Metrolink Operations Center	



Element	Interfacing Element
California Office of Emergency Services Operations Centers (continued)	Municipal Public Safety Dispatch
	Municipal/County Traffic Operations
	Northern California 511 Systems
	Northern California Transit Systems
	Northern California Traveler Information Systems
	San Francisco MUNI Operations
	Southern California Transit Systems
	Southern California Traveler Information Systems
	TravInfo
California Transit Data Archive	Central California Transit Systems
	Northern California Transit Systems
	Regional Integration of ITS (RIITS)
	Regional Transit Information System (RTIS)
	Southern California Transit Systems
	Transit Data Users
Caltrain Operations Center	California Office of Emergency Services Operations Centers
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
Caltrans District 1 Transportation Management Center	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Intermodal Port Facility Systems
	Municipal Public Safety Dispatch
	National Weather Service
	Northern California 511 Systems
	ODOT Medford TOC
	Private ISPs
	Rail Operations Centers
	Regional Traveler Information Systems
Traffic Accident and Surveillance Analysis System(TASAS)	
TravInfo	



Element	Interfacing Element
Caltrans District 10 Transportation Management Center	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	Central California 511 Systems
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Municipal Public Safety Dispatch
	Municipal/County Traffic Operations
	National Weather Service
	Nevada DOT TMCs
	Private ISPs
Rail Operations Centers	
Regional Traveler Information Systems	
Traffic Accident and Surveillance Analysis System(TASAS)	
Caltrans District 11 Intermodal Transportation Management Center	Arizona DOT TMCs
	Baja Transportation Management Center
	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 12 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Intermodal Port Facility Systems
	Municipal Public Safety Dispatch
	National Weather Service
Private ISPs	

Element	Interfacing Element
Caltrans District 11 Intermodal Transportation Management Center (continued)	Rail Operations Centers
	Regional Traveler Information Systems
	Southern California Traveler Information Systems
	Traffic Accident and Surveillance Analysis System(TASAS)
Caltrans District 12 Transportation Management Center	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Intermodal Port Facility Systems
	Municipal Public Safety Dispatch
	National Weather Service
	Private ISPs
	Rail Operations Centers
	Regional Traveler Information Systems
	Southern California Traveler Information Systems
	Toll Road Transportation Management Centers
Traffic Accident and Surveillance Analysis System(TASAS)	
Caltrans District 2 Transportation Management Center	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 1 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Municipal Public Safety Dispatch
	National Weather Service
	Nevada DOT TMCs
Northern California 511 Systems	

Element	Interfacing Element
Caltrans District 2 Transportation Management Center (continued)	ODOT Medford TOC
	Private ISPs
	Rail Operations Centers
	Regional Traveler Information Systems
	Traffic Accident and Surveillance Analysis System(TASAS)
	TravInfo
Caltrans District 3 Regional Transportation Management Center	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Municipal Public Safety Dispatch
	National Weather Service
	Nevada DOT TMCs
	Northern California 511 Systems
	Private ISPs
	Rail Operations Centers
	Regional Traveler Information Systems
Traffic Accident and Surveillance Analysis System(TASAS)	
TravInfo	
Caltrans District 4 Transportation Management Center	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	Caltrans Security Monitoring Equipment
	CHP Dispatch Centers

Element	Interfacing Element
Caltrans District 4 Transportation Management Center (continued)	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Intermodal Port Facility Systems
	Municipal Public Safety Dispatch
	National Weather Service
	Private ISPs
	Rail Operations Centers
	Regional Traveler Information Systems
	Traffic Accident and Surveillance Analysis System(TASAS)
Caltrans District 5 Transportation Management Center	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 10 Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	Central California 511 Systems
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Municipal Public Safety Dispatch
	National Weather Service
	Private ISPs
Rail Operations Centers	
Regional Traveler Information Systems	
Traffic Accident and Surveillance Analysis System(TASAS)	
Caltrans District 6 Transportation Management Center	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 10 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages

Element	Interfacing Element
Caltrans District 6 Transportation Management Center (continued)	Caltrans Performance Monitoring System (PeMS)
	Central California 511 Systems
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Municipal Public Safety Dispatch
	National Weather Service
	Private ISPs
	Rail Operations Centers
	Regional Traveler Information Systems
	Traffic Accident and Surveillance Analysis System(TASAS)
Caltrans District 7 Transportation Management Center	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 12 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	Caltrans Security Monitoring Equipment
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Intermodal Port Facility Systems
	Municipal Public Safety Dispatch
	National Weather Service
	Private ISPs
	Rail Operations Centers
Regional Traveler Information Systems	
Southern California Traveler Information Systems	
Traffic Accident and Surveillance Analysis System(TASAS)	
Caltrans District 8 Transportation Management Center	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch



Element	Interfacing Element
Caltrans District 8 Transportation Management Center (continued)	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Municipal Public Safety Dispatch
	National Weather Service
	Nevada DOT TMCs
	Private ISPs
	Rail Operations Centers
	Regional Traveler Information Systems
	Southern California Traveler Information Systems
	Toll Road Transportation Management Centers
Traffic Accident and Surveillance Analysis System(TASAS)	
Caltrans District 9 Transportation Management Center	California HPMS
	California Office of Emergency Services Operations Centers
	Caltrans District 10 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	Central California 511 Systems
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	Municipal Public Safety Dispatch
	National Weather Service
	Nevada DOT TMCs
	Private ISPs
	Rail Operations Centers
	Regional Traveler Information Systems
Traffic Accident and Surveillance Analysis System(TASAS)	
Caltrans District Maintenance Dispatch	California Highway Information Network(CHIN)
	California Highway Information Web Page
	California Office of Emergency Services Operations Centers
	Caltrans District 1 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center

Element	Interfacing Element
Caltrans District Maintenance Dispatch (continued)	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Pavement Management Systems
	Caltrans District Web pages
	Caltrans Field Equipment
	Caltrans HQ Construction Program
	Caltrans Maintenance Administration
	Caltrans Maintenance Vehicles
	Caltrans Satellite TMCs
	Caltrans Statewide Pavement Management System
	Central California 511 Systems
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Maintenance Dispatch
	Municipal Maintenance Dispatch
	National Weather Service
	Northern California 511 Systems
	Other Caltrans District Maintenance
	Other States Maintenance Dispatch Centers
	Private ISPs
	Rail Operations Centers
	Southern California Traveler Information Systems
	Special Police Force Dispatch
TravInfo	
Caltrans District Pavement Management Systems	Caltrans District Maintenance Dispatch
	Caltrans Statewide Pavement Management System
Caltrans District Web pages	Broadcast and Print Media
	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
Caltrans District 4 Transportation Management Center	

Element	Interfacing Element
Caltrans District Web pages (continued)	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch
	CHP Dispatch Centers
	County Public Safety Dispatch Centers
	CVO ATIS Truckstop Kiosks
	Municipal Public Safety Dispatch
	Northern California Transit Systems
	Regional Integration of ITS (RIITS)
	Regional Transit Information System (RTIS)
	Southern California Transit Systems
User Personal Computing Devices	
Caltrans Field Equipment	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans Satellite TMCs
	Other Caltrans Field Equipment
Caltrans HQ Construction Program	Caltrans District Maintenance Dispatch
Caltrans HQ Traffic Operations Databases	Caltrans Weigh-In-Motion Stations
Caltrans Maintenance Administration	Caltrans District Maintenance Dispatch
Caltrans Maintenance Vehicles	Caltrans District Maintenance Dispatch
Caltrans Performance Monitoring System (PeMS)	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center

Element	Interfacing Element
Caltrans Performance Monitoring System (PeMS) (continued)	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans Satellite TMCs
	PeMS Users
Caltrans Satellite TMCs	California HPMS
	Caltrans District Maintenance Dispatch
	Caltrans Field Equipment
	Caltrans Performance Monitoring System (PeMS)
	CHP Dispatch Centers
	County Public Safety Dispatch Centers
	Municipal Public Safety Dispatch
	Rail Operations Centers
Caltrans Security Monitoring Equipment	Caltrans District 4 Transportation Management Center
	Caltrans District 7 Transportation Management Center
Caltrans Statewide Pavement Management System	Archive Data User Systems
	Caltrans District Maintenance Dispatch
	Caltrans District Pavement Management Systems
Caltrans Weigh-In-Motion Stations	CA DMV Enforcement Vehicles
	Caltrans HQ Traffic Operations Databases
	Commercial Vehicles
Central California 511 Systems	California National Parks and National Forests
	California Office of Emergency Services Operations Centers
	Caltrans District 10 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Central California Transit Systems
	CHP Dispatch Centers
	In Vehicle Equipment
	Private ISPs
	State Parks and Recreational Area Information
User Personal Computing Devices	
Central California Transit System Stations and Transfer Points	Translink Smartcard
Central California Transit Systems	Bay Area Transit Administration
	California Highway Information Network(CHIN)
	California Office of Emergency Services Operations Centers
	California Transit Data Archive



Element	Interfacing Element
Central California Transit Systems (continued)	Central California 511 Systems
	CHP Dispatch Centers
	Metrolink Operations Center
	National Weather Service
	Northern California Transit Systems
	Private ISPs
	Regional Integration of ITS (RIITS)
	Regional Transit Information System (RTIS)
	Southern California Transit Systems
Central California Transit Vehicles	Translink Smartcard
CHP Commercial Vehicle Section	ASPEN
	CA CVIEW
	California Commercial Vehicle Inspection System (CCVIS)
	CHP Weigh-In-Motion/ Inspection stations
	CVO Automatic Safety Inspection Devices
	CVO OS/OW Permitting Processing System
	CVO Pre-Pass Sites
	Safety and Fitness Electronic Report (SAFER)
CHP Dispatch Centers	BART Fleet Management System
	BCBP Offices
	Broadcast and Print Media
	California Highway Information Network(CHIN)
	California Office of Emergency Services Operations Centers
	Caltrain Operations Center
	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans District Web pages
	Caltrans Satellite TMCs
Central California 511 Systems	
Central California Transit Systems	

Element	Interfacing Element
CHP Dispatch Centers (continued)	CHP Weigh-In-Motion/ Inspection stations
	Commercial Vehicle Fleet Management
	Commercial Vehicles
	Correctional Facility Operations
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
	CVO Pre-Pass Sites
	Hazmat Freight Containers
	Hazmat Permitting System
	Intermodal Port Facility Systems
	Los Angeles County Metro - Bus Operations
	Los Angeles County Metro - Rail Dispatch Center
	Metrolink Operations Center
	Municipal Public Safety Dispatch
	Municipal/County Traffic Operations
	National Weather Service
	Northern California 511 Systems
	Northern California Electronic Toll Systems
	Northern California Transit Systems
	Operation Respond
	Other CHP Dispatch Centers
	San Francisco MUNI Operations
	Southern California Electronic Toll Systems
	Southern California Transit Systems
Southern California Traveler Information Systems	
Special Police Force Dispatch	
Statewide Integrated Reporting System (SWITRS)	
Telematics Service Provider	
TravInfo	
CHP Weigh-In-Motion/Inspection stations	CA CVIEW
	CA DMV Enforcement Vehicles
	CHP Commercial Vehicle Section
	CHP Dispatch Centers
	Commercial Vehicles
	Safety and Fitness Electronic Report (SAFER)
Commercial Drivers License Information System (CDLIS)	CVO Pre-Pass Sites
	US BCBP Customs Product Manifest System
Commercial Vehicle Fleet Management	CHP Dispatch Centers
	Commercial Vehicles
	County and Local Emergency Operation Centers
	Credentials One Stop Shopping



Element	Interfacing Element
Commercial Vehicle Fleet Management (Continued)	CVO OS/OW Permitting Processing System
	Intermodal Port Facility Systems
	Multi-Agency CVO Web-site
	Municipal Public Safety Dispatch
	US BCBP Customs Product Manifest System
Commercial Vehicles	ASPEN
	California Commercial Vehicle Inspection System (CCVIS)
	Caltrans Weigh-In-Motion Stations
	CHP Dispatch Centers
	CHP Weigh-In-Motion/ Inspection stations
	Commercial Vehicle Fleet Management
	County and Local Emergency Operation Centers
	CVO Automatic Safety Inspection Devices
	CVO Pre-Pass Sites
	Municipal Public Safety Dispatch
	US BCBP Electronic Clearance System for International Borders
	Correctional Facility Operations
County and Local Emergency Operation Centers	
County Public Safety Dispatch Centers	
County and Local Emergency Operation Centers	BART Fleet Management System
	Bay Area Transit Administration
	California Office of Emergency Services Operations Centers
	Caltrain Operations Center
	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Central California Transit Systems
	CHP Dispatch Centers
	Commercial Vehicle Fleet Management
	Commercial Vehicles
	Correctional Facility Operations
	County Public Safety Dispatch Centers

Element	Interfacing Element
County and Local Emergency Operation Centers (continued)	Hazmat Freight Containers
	Hazmat Permitting System
	Los Angeles County Metro - Bus Operations
	Los Angeles County Metro - Rail Dispatch Center
	Metrolink Operations Center
	Municipal Public Safety Dispatch
	Northern California Transit Systems
	Operation Respond
	Other County Emergency Operation Centers
	San Francisco MUNI Operations
	Southern California Transit Systems
	Special Police Force Dispatch
County Maintenance Dispatch	Caltrans District Maintenance Dispatch
County Public Safety Dispatch Centers	BCBP Offices
	California Highway Information Network(CHIN)
	California Office of Emergency Services Operations Centers
	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Web pages
	Caltrans Satellite TMCs
	CHP Dispatch Centers
	Correctional Facility Operations
	County and Local Emergency Operation Centers
	Intermodal Port Facility Systems
Other County Public Safety Dispatch Centers	
Special Police Force Dispatch	
Statewide Integrated Reporting System (SWITRS)	
Telematics Service Provider	
Credentials One Stop Shopping	CA CVIEW
	Commercial Vehicle Fleet Management
	Excise Summary Terminal Activity Reporting System (ExSTARS)
	IFTA Clearinghouse

Element	Interfacing Element
Credentials One Stop Shopping (continued)	IRP Clearinghouse
	Other States Credentials Admin and Safety Systems
CVO ATIS Truckstop Kiosks	California Highway Information Network(CHIN)
	California Highway Information Web Page
	Caltrans District Web pages
	Multi-Agency CVO Web-site
CVO Automatic Safety Inspection Devices	CHP Commercial Vehicle Section
	Commercial Vehicles
	Safety and Fitness Electronic Report (SAFER)
	Statewide Integrated Reporting System (SWITRS)
CVO OS/OW Permitting Processing System	CA CVIEW
	CHP Commercial Vehicle Section
	Commercial Vehicle Fleet Management
	CVO Pre-Pass Sites
CVO Pre-Pass Sites	CA CVIEW
	CHP Commercial Vehicle Section
	CHP Dispatch Centers
	Commercial Drivers License Information System (CDLIS)
	Commercial Vehicles
	CVO OS/OW Permitting Processing System
Excise Summary Terminal Activity Reporting System (ExSTARS)	Credentials One Stop Shopping
	US BCBP Customs Product Manifest System
Hazmat Freight Containers	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	Municipal Public Safety Dispatch
Hazmat Permitting System	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	Municipal Public Safety Dispatch
IFTA Clearinghouse	CA CVIEW
	Credentials One Stop Shopping
In Vehicle Electronic Toll Tags	Northern California Electronic Toll Collection Plazas
	Southern California Electronic Toll Collection Plazas
In Vehicle Equipment	Central California 511 Systems
	Northern California 511 Systems
	Private Application Service Providers
	Southern California Traveler Information Systems
	Telematics Service Provider
	TravInfo
Intermodal Port Facility Systems	Caltrans District 1 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 4 Transportation Management Center

Element	Interfacing Element
Intermodal Port Facility Systems (continued)	Caltrans District 7 Transportation Management Center
	CHP Dispatch Centers
	Commercial Vehicle Fleet Management
	County Public Safety Dispatch Centers
	Municipal Public Safety Dispatch
IRP Clearinghouse	CA CVIEW
	Credentials One Stop Shopping
LAMTA Transit Station Equipment	Southern California Fare Card
LAMTA Vehicles	Southern California Fare Card
Los Angeles County Metro - Bus Operations	California Office of Emergency Services Operations Centers
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
Los Angeles County Metro - Rail Dispatch Center	California Office of Emergency Services Operations Centers
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
Los Angeles County MTA Administration	Metrolink Administration
	Southern California Transit Systems
MCMIS	Safety and Fitness Electronic Report (SAFER)
	Safetynet 2000
Metrolink Administration	Los Angeles County MTA Administration
	Southern California Transit Systems
Metrolink Operations Center	Amtrak Schedule Operations
	California Office of Emergency Services Operations Centers
	Central California Transit Systems
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	Regional Integration of ITS (RIITS)
	Southern California Transit Systems
Multi-Agency CVO Web-site	Commercial Vehicle Fleet Management
	CVO ATIS Truckstop Kiosks
	User Personal Computing Devices
Municipal Maintenance Dispatch	Caltrans District Maintenance Dispatch
Municipal Public Safety Dispatch	California Highway Information Network(CHIN)
	California Office of Emergency Services Operations Centers
	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center

Element	Interfacing Element
Municipal Public Safety Dispatch (continued)	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Web pages
	Caltrans Satellite TMCs
	CHP Dispatch Centers
	Commercial Vehicle Fleet Management
	Commercial Vehicles
	County and Local Emergency Operation Centers
	Hazmat Freight Containers
	Hazmat Permitting System
	Intermodal Port Facility Systems
	Operation Respond
Municipal/County Traffic Operations	California Office of Emergency Services Operations Centers
	CHP Dispatch Centers
National Weather Service	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Central California Transit Systems
	CHP Dispatch Centers
Northern California Transit Systems	
Southern California Transit Systems	
Nevada DOT TMCs	Caltrans District 10 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center

Element	Interfacing Element
Northern California 511 Systems	California National Parks and National Forests
	California Office of Emergency Services Operations Centers
	Caltrans District 1 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District Maintenance Dispatch
	CHP Dispatch Centers
	In Vehicle Equipment
	Northern California Transit Systems
	Private ISPs
	Regional Transit Information System (RTIS)
	State Parks and Recreational Area Information
	User Personal Computing Devices
Northern California Electronic Toll Collection Plazas	In Vehicle Electronic Toll Tags
Northern California Electronic Toll Systems	CHP Dispatch Centers
	Southern California Electronic Toll Systems
Northern California Transit System Stations and Transfer Points	Translink Smartcard
Northern California Transit Systems	Bay Area Transit Administration
	California Highway Information Network(CHIN)
	California Office of Emergency Services Operations Centers
	California Transit Data Archive
	Central California Transit Systems
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	National Weather Service
	Northern California 511 Systems
	Private ISPs
	Regional Transit Information System (RTIS)
TravInfo	
Northern California Transit Vehicles	Translink Smartcard
Northern California Traveler Information Systems	California Office of Emergency Services Operations Centers
	User Personal Computing Devices
ODOT Medford TOC	Caltrans District 1 Transportation Management Center
	Caltrans District 2 Transportation Management Center
Operation Respond	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	Municipal Public Safety Dispatch
Other Caltrans District Maintenance	Caltrans District Maintenance Dispatch
Other Caltrans Field Equipment	Caltrans Field Equipment
Other CHP Dispatch Centers	CHP Dispatch Centers



Element	Interfacing Element
Other County Emergency Operation Centers	County and Local Emergency Operation Centers
Other County Public Safety Dispatch Centers	County Public Safety Dispatch Centers
Other States Credentials Admin and Safety Systems	CA CVIEW
	Credentials One Stop Shopping
Other States Maintenance Dispatch Centers	Caltrans District Maintenance Dispatch
PeMS Users	Caltrans Performance Monitoring System (PeMS)
Private Application Service Providers	In Vehicle Equipment
	Private ISPs
	User Personal Computing Devices
Private ISPs	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Central California 511 Systems
	Central California Transit Systems
	Northern California 511 Systems
	Northern California Transit Systems
	Private Application Service Providers
	Regional Integration of ITS (RIITS)
	Regional Transit Information System (RTIS)
	Southern California Transit Systems
	Southern California Traveler Information Systems
TravInfo	
Rail Operations Centers	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
Caltrans District 6 Transportation Management Center	

Element	Interfacing Element
Rail Operations Centers (continued)	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Caltrans District Maintenance Dispatch
	Caltrans Satellite TMCs
Regional Integration of ITS (RIITS)	California Highway Information Network(CHIN)
	California Transit Data Archive
	Caltrans District Web pages
	Central California Transit Systems
	Metrolink Operations Center
	Private ISPs
	Southern California Transit Systems
Regional Transit Information System (RTIS)	Southern California Traveler Information Systems
	California Highway Information Network(CHIN)
	California Transit Data Archive
	Caltrans District Web pages
	Central California Transit Systems
	Northern California 511 Systems
	Northern California Transit Systems
	Private ISPs
Regional Traveler Information Systems	
Regional Transportation Management Information System (RTMIS)	TravInfo
Regional Transportation Management Information System (RTMIS)	California HPMS
Regional Traveler Information Systems	California HPMS
	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
Regional Transit Information System (RTIS)	
Safestat Database	CA CVIEW
Safety and Fitness Electronic Report (SAFER)	ASPEN
	CA CVIEW
	California Commercial Vehicle Inspection System (CCVIS)
	CHP Commercial Vehicle Section

Element	Interfacing Element
Safety and Fitness Electronic Report (SAFER) (continued)	CHP Weigh-In-Motion/ Inspection stations
	CVO Automatic Safety Inspection Devices
	MCMIS
	Safetynet 2000
Safetynet 2000	MCMIS
San Francisco MUNI Operations	Safety and Fitness Electronic Report (SAFER)
	California Office of Emergency Services Operations Centers
	CHP Dispatch Centers
Single State Registration System (SSRS)	County and Local Emergency Operation Centers
	CA CVIEW
Southern California Electronic Toll Collection Plazas	In Vehicle Electronic Toll Tags
Southern California Electronic Toll Systems	CHP Dispatch Centers
	Northern California Electronic Toll Systems
Southern California Fare Card	LAMTA Transit Station Equipment
	LAMTA Vehicles
	Southern California Transit System Station and Transfer Points
	Southern California Transit Vehicles
Southern California Transit System Station and Transfer Points	Southern California Fare Card
Southern California Transit Systems	California Highway Information Network(CHIN)
	California Office of Emergency Services Operations Centers
	California Transit Data Archive
	Caltrans District Web pages
	Central California Transit Systems
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	Los Angeles County MTA Administration
	Metrolink Administration
	Metrolink Operations Center
	National Weather Service
	Regional Integration of ITS (RIITS)
	Southern California Traveler Information Systems
Southern California Transit Vehicles	Southern California Fare Card
Southern California Traveler Information Systems	California Office of Emergency Services Operations Centers
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District Maintenance Dispatch
	CHP Dispatch Centers
In Vehicle Equipment	

Element	Interfacing Element
Southern California Traveler Information Systems (continued)	Private ISPs
	Regional Integration of ITS (RIITS)
	Southern California Transit Systems
	State Parks and Recreational Area Information
	User Personal Computing Devices
Special Police Force Dispatch	California Highway Information Network(CHIN)
	Caltrans District Maintenance Dispatch
	CHP Dispatch Centers
	County and Local Emergency Operation Centers
	County Public Safety Dispatch Centers
State Parks and Recreational Area Information	Central California 511 Systems
	Northern California 511 Systems
	Southern California Traveler Information Systems
Statewide Integrated Reporting System (SWITRS)	ASPEN
	California Commercial Vehicle Inspection System (CCVIS)
	CHP Dispatch Centers
	County Public Safety Dispatch Centers
	CVO Automatic Safety Inspection Devices
	Municipal Public Safety Dispatch
	Traffic Accident and Surveillance Analysis System(TASAS)
Telematics Service Provider	CHP Dispatch Centers
	County Public Safety Dispatch Centers
	In Vehicle Equipment
	Municipal Public Safety Dispatch
Toll Road Transportation Management Centers	Caltrans District 12 Transportation Management Center
	Caltrans District 8 Transportation Management Center
Traffic Accident and Surveillance Analysis System(TASAS)	Caltrans District 1 Transportation Management Center
	Caltrans District 10 Transportation Management Center
	Caltrans District 11 Intermodal Transportation Management Center
	Caltrans District 12 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District 6 Transportation Management Center
	Caltrans District 7 Transportation Management Center
	Caltrans District 8 Transportation Management Center
	Caltrans District 9 Transportation Management Center
	Statewide Integrated Reporting System (SWITRS)
Translink Smartcard	Bay Area Transit Stations and Stops
	Bay Area Transit Vehicles
	Central California Transit System Stations and Transfer Points

Element	Interfacing Element
Translink Smartcard (continued)	Central California Transit Vehicles
	Northern California Transit System Stations and Transfer Points
	Northern California Transit Vehicles
TravInfo	California Office of Emergency Services Operations Centers
	Caltrans District 1 Transportation Management Center
	Caltrans District 2 Transportation Management Center
	Caltrans District 3 Regional Transportation Management Center
	Caltrans District 4 Transportation Management Center
	Caltrans District 5 Transportation Management Center
	Caltrans District Maintenance Dispatch
	CHP Dispatch Centers
	In Vehicle Equipment
	Northern California Transit Systems
	Private ISPs
	Regional Transit Information System (RTIS)
	User Personal Computing Devices
US BCBP Customs Product Manifest System	Commercial Drivers License Information System (CDLIS)
	Commercial Vehicle Fleet Management
	Excise Summary Terminal Activity Reporting System (ExSTARS)
	US BCBP Electronic Clearance System for International Borders
US BCBP Electronic Clearance System for International Borders	Commercial Vehicles
	US BCBP Customs Product Manifest System
User Personal Computing Devices	California Highway Information Network(CHIN)
	California Highway Information Web Page
	Caltrans District Web pages
	Central California 511 Systems
	Multi-Agency CVO Web-site
	Northern California 511 Systems
	Northern California Traveler Information Systems
	Private Application Service Providers
	Southern California Traveler Information Systems
	TravInfo