

# Inventory by Entity

Entity	ITS Element	Stakeholder
<b>Alerting and Advisory Systems</b>		
	ISF Lekhwiya Alerts and Advisories	Internal Security Force
<b>Archived Data Management</b>		
	Archive	MMUP - Ministry of Municipality and Urban Planning
<b>Archived Data User Systems</b>		
	Qatar Transportation Data Archive Users	Qatar Transportation Data Archive Users
<b>Basic Commercial Vehicle</b>		
	Commercial Vehicle	Private Commercial and Fleet Operators
<b>Border Inspection Administration</b>		
	Border Inspection Administration	Ashghal
<b>Border Inspection Systems</b>		
	Border Inspection Systems	Ashghal
<b>Care Facility</b>		
	Hospitals	Supreme Council of Health
<b>Commercial Vehicle</b>		
	Private Commercial and Fleet Vehicles	Private Commercial and Fleet Operators
<b>Commercial Vehicle Administration</b>		
	Commercial Vehicle Administration	Ashghal
	MOI Traffic Police Commercial Vehicle Administration	MOI Traffic Police
<b>Commercial Vehicle Check</b>		
	Ashghal CV Inspection Stations	Ashghal
<b>Commercial Vehicle Driver</b>		
	Commercial Vehicle Driver	Private Commercial and Fleet Operators
<b>DMV</b>		
	MOI Vehicle Registration DB	MOI Traffic Police
<b>Driver</b>		
	Driver	Driver
<b>Driver Identification Card</b>		
	Commercial Driver ID Card	Driver
<b>Emergency Management</b>		
	Bus Operator Control Center	Mowasalat Public Transportation
	Doha Water Bus /Taxi Operations Control Center	Mowasalat Public Transportation
	ISF Lekhwiya Dispatch	Internal Security Force
	MOI Al Fazaa Police Patrol Dispatch	MOI Al Fazaa
	MOI Civil Defense Dispatch	MOI Civil Defense
	MOI Emergency 999 Call Center	MOI Emergency 999
	MOI NCC Emergency Operations Center	MOI NCC Emergency Operations
	MOI Traffic Police Dispatch	MOI Traffic Police
	Private Auto Emergency Call Center	Private Companies
	QR Lusail LRT Operations Center	QR - Qatar Rail
	QR Metro Rail Operations Control Center	QR - Qatar Rail
	QR Rail Operations Center	QR - Qatar Rail
	QR WBLRT Control Center	QR - Qatar Rail

<i>Entity</i>	<i>ITS Element</i>	<i>Stakeholder</i>
<b>Emergency Management</b>		
	SCH HMC Ambulance Service Control Center	MOI SCH HMC Dispatch
	Traffic Management Center	Ashghal
<b>Emergency Vehicle</b>		
	Ashghal Service Patrol Vehicles	Ashghal
	ISF Lekhwiya Police Vehicles	Internal Security Force
	MOI Al Fazaa Police Vehicles	MOI Al Fazaa
	MOI Fire Brigade Vehicles	MOI Civil Defense
	MOI Traffic Police Vehicles	MOI Traffic Police
	SCH HMC Ambulances	Supreme Council of Health
	SCH HMC Flying Bird Helicopter	Supreme Council of Health
<b>Emissions Management</b>		
	MOE Emissions Management Center	Ministry of Environment
<b>Enforcement Agency</b>		
	CV Enforcement	Ashghal
	Hukoomi e-Government Information Portal	ictQatar - Supreme Council for Information and Communications Technology
	MOI Traffic Police Dispatch	MOI Traffic Police
<b>Event Promoters</b>		
	Regional Event Promoters	Regional Event Promoters
<b>Financial Institution</b>		
	Financial Institutions	Financial Institutions
	Private Telecom Companies	Private Companies
	Qatar Government Transport Authority Finance Bureau	Other State Transportation Agencies
<b>Fleet and Freight Management</b>		
	Private Fleet and Freight Dispatch	Private Commercial and Fleet Operators
<b>Freight Equipment</b>		
	Freight Equipment	Private Commercial and Fleet Operators
<b>Information Service Provider</b>		
	Ashghal V2x ISP	Ashghal
	Bus Operator Control Center	Mowasalat Public Transportation
	Doha Water Bus /Taxi Operations Control Center	Mowasalat Public Transportation
	Hukoomi e-Government Information Portal	ictQatar - Supreme Council for Information and Communications Technology
	ISF Lekhwiya Dispatch	Internal Security Force
	MMUP Traffic Data Collection Systems	MMUP - Ministry of Municipality and Urban Planning
	NDIA Terminal Operations Center	NDIA - New Doha International Airport
	Private Traveler Information Services	Private Companies
	Qatar Airways Cargo Operations Center	Qatar Airways
	Qatar Airways Flight Operations Center	Qatar Airways
	Qatar Transportation Information Portal	Ashghal
	QR Lusail LRT Operations Center	QR - Qatar Rail
	QR Metro Rail Operations Control Center	QR - Qatar Rail
	QR Rail Operations Center	QR - Qatar Rail
	QR WBLRT Control Center	QR - Qatar Rail

<i>Entity</i>	<i>ITS Element</i>	<i>Stakeholder</i>
<b>Information Service Provider</b>		
	Traffic Management Center	Ashghal
<b>Intermodal Freight Depot</b>		
	Milaha Freight Depot	Milaha
	NDIA Freight Depot	NDIA - New Doha International Airport
<b>Intermodal Freight Shipper</b>		
	Third Party Logistics Providers	Private Companies
<b>Maintenance and Construction Management</b>		
	Ashghal Maintenance Operations Depots	Ashghal
	Mowasalat Public Transportation Maintenance Facility	Mowasalat Public Transportation
	QR Lusail LRT Maintenance Facility	QR - Qatar Rail
	QR Maintenance Facility	QR - Qatar Rail
	QR Metro Rail Maintenance Facility	QR - Qatar Rail
	QR WBLRT Rail Maintenance Facility	QR - Qatar Rail
<b>Maintenance and Construction Vehicle</b>		
	Ashghal Maintenance and Construction Vehicles	Ashghal
	Ashghal Other Maintenance and Construction Vehicles	Ashghal
<b>Media</b>		
	Media	Media
<b>Multimodal Transportation Service Provider</b>		
	NDIA Terminal Operations Center	NDIA - New Doha International Airport
	Qatar Airways Cargo Operations Center	Qatar Airways
	Qatar Airways Flight Operations Center	Qatar Airways
<b>Parking Management</b>		
	Commercial Parking Facilities	Commercial Developers
	MMUP Parking Management System	MMUP - Ministry of Municipality and Urban Planning
	Mosque Parking Management	Ministry of Endowment
	Mowasalat Parking Management System	Mowasalat Public Transportation
	NDIA Parking Management System	NDIA - New Doha International Airport
	Parking Payment Customer Service Center	Ashghal
	Private Commercial Truck Parking	Private Companies
	Qatar Education City Parking Management	Qatar Education City
	Qatar University Parking Management	Qatar University
	QR Parking Management	QR - Qatar Rail
<b>Payment Administration</b>		
	NDIA Terminal Operations Center	NDIA - New Doha International Airport
	Parking Payment Customer Service Center	Ashghal
<b>Personal Information Access</b>		
	Private Travelers Personal Computing Devices	Private Travelers
<b>Public Transportation Management</b>		
	Bus Operator Control Center	Mowasalat Public Transportation
	Doha Water Bus /Taxi Operations Control Center	Mowasalat Public Transportation
	Mowasalat Taxi Dispatch	Mowasalat Public Transportation
	Operator Paratransit Dispatch	Mowasalat Public Transportation

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<b>Public Transportation Management</b>		
	Private Bus or Limo or VIP Fleet Operations Center	Private Companies
	Private Car Rental Service Providers	Private Companies
	Qatar Automated Fare Collection Center	Mowasalat Public Transportation
	QR Lusail LRT Operations Center	QR - Qatar Rail
	QR Metro Rail Operations Control Center	QR - Qatar Rail
	QR Rail Operations Center	QR - Qatar Rail
	QR WBLRT Control Center	QR - Qatar Rail
<b>Public Transportation Vehicle</b>		
	Commercial Buses	Private Commercial and Fleet Operators
	Doha Water Bus	Mowasalat Public Transportation
	Doha Water Taxi	Mowasalat Public Transportation
	Mowasalat Buses	Mowasalat Public Transportation
	Mowasalat Demand Response Vehicles	Mowasalat Public Transportation
	Mowasalat Feeder Vehicles	Mowasalat Public Transportation
	Mowasalat Taxis	Mowasalat Public Transportation
	QR Lusail LRT Vehicles	QR - Qatar Rail
	QR Metro Vehicles	QR - Qatar Rail
	QR Passenger Rail Vehicles	QR - Qatar Rail
	QR WBLRT Vehicles	QR - Qatar Rail
<b>Rail Operations</b>		
	QR Lusail LRT Operations Center	QR - Qatar Rail
	QR Metro Rail Operations Control Center	QR - Qatar Rail
	QR Rail Operations Center	QR - Qatar Rail
	QR WBLRT Control Center	QR - Qatar Rail
<b>Remote Traveler Support</b>		
	Doha Water Bus/Taxi Customer Information Displays	Mowasalat Public Transportation
	Doha Water Taxi/Bus Security Equipment	Mowasalat Public Transportation
	Mowasalat Customer Information Displays	Mowasalat Public Transportation
	Mowasalat Security Equipment	Mowasalat Public Transportation
	Mowasalat Taxi Customer Information Display	Mowasalat Public Transportation
	Qatar Smartcard Conductor Validator	QR - Qatar Rail
	Qatar SmartCard Vending Machines	Mowasalat Public Transportation
	QR Customer Information Display	QR - Qatar Rail
	QR Lusail LRT Customer Information Display	QR - Qatar Rail
	QR Lusail LRT Security Equipment	QR - Qatar Rail
	QR Metro Customer Information Display	QR - Qatar Rail
	QR Metro Security Equipment	QR - Qatar Rail
	QR Security Equipment	QR - Qatar Rail
	QR WBLRT Customer Information Display	QR - Qatar Rail
	QR WBLRT Security Equipment	QR - Qatar Rail
<b>Roadway</b>		
	Ashghal CCTV	Ashghal
	Ashghal Detectors	Ashghal

<i>Entity</i>	<i>ITS Element</i>	<i>Stakeholder</i>
<b>Roadway</b>		
	Ashghal Environmental Sensors	Ashghal
	Ashghal HAR	Ashghal
	Ashghal Infrastructure Sensors	Ashghal
	Ashghal Other Traffic Signals	Ashghal
	Ashghal Over-height Vehicle Detection	Ashghal
	Ashghal Over-height Warning Sign	Ashghal
	Ashghal Roadway Lighting Controller	Ashghal
	Ashghal Roadway V2x System	Ashghal
	Ashghal Tag Detectors	Ashghal
	Ashghal Traffic Signals	Ashghal
	Ashghal Workzone Safety Detectors	Ashghal
	DMS	Ashghal
	MMUP Traffic Data Collection Systems	MMUP - Ministry of Municipality and Urban Planning
	MOE Air Quality Sensors	Ministry of Environment
	MOI Traffic Police Signal Violation Detectors	MOI Traffic Police
	MOI Traffic Police Speed Detectors	MOI Traffic Police
	Roadway Short Range Traveler Information Communications	Ashghal
<b>Roadway Payment</b>		
	Mowasalat Parking Management System	Mowasalat Public Transportation
	NDIA Parking Management System	NDIA - New Doha International Airport
	NDIA Terminal Toll Field Equipment	NDIA - New Doha International Airport
	QR Parking Management	QR - Qatar Rail
<b>Security Monitoring</b>		
	Ashghal Infrastructure Security System	Ashghal
	Mowasalat Security Equipment	Mowasalat Public Transportation
	QR Metro Security Equipment	QR - Qatar Rail
	QR Security Equipment	QR - Qatar Rail
	QR WBLRT Security Equipment	QR - Qatar Rail
<b>Storage Facility</b>		
	Ashghal Storage Facilities	Ashghal
<b>Traffic Management</b>		
	Ashghal Backup TMC	Ashghal
	MOI Traffic Police Speed Enforcement Authority	MOI Traffic Police
	MOI Traffic Police Violation Customer Service Center	MOI Traffic Police
	Other State TMC	Other State Transportation Agencies
	Regional TMC	Regional Entities
	Traffic Management Center	Ashghal
<b>Traffic Operations Personnel</b>		
	MOI Traffic Police Traffic Operations Personnel	MOI Traffic Police
<b>Traveler Card</b>		
	Qatar SmartCard	Mowasalat Public Transportation
<b>Vehicle</b>		
	Commercial Buses	Private Commercial and Fleet Operators

<i>Entity</i>	<i>ITS Element</i>	<i>Stakeholder</i>
<b>Vehicle</b>		
	Doha Water Bus	Mowasalat Public Transportation
	Doha Water Taxi	Mowasalat Public Transportation
	Mowasalat Buses	Mowasalat Public Transportation
	Mowasalat Taxis	Mowasalat Public Transportation
	Private Vehicles	Private Vehicles Owners
	QR Lusail LRT Vehicles	QR - Qatar Rail
	QR Metro Vehicles	QR - Qatar Rail
	QR Passenger Rail Vehicles	QR - Qatar Rail
	QR WBLRT Vehicles	QR - Qatar Rail
	Vehicle Short Range Traveler Information Reception	Private Vehicles Owners
<b>Vehicle Characteristics</b>		
	Vehicle Characteristics	Private Vehicles Owners
<b>Wayside Equipment</b>		
	QR Lusail LRT Wayside Equipment	QR - Qatar Rail
	QR WBLRT Wayside Equipment	QR - Qatar Rail
<b>Weather Service</b>		
	Private Weather Services	Private Weather Services
	Qatar Meteorology Department	Civil Aviation Authority
	QR Lusail LRT Operations Center	QR - Qatar Rail
	QR Metro Rail Operations Control Center	QR - Qatar Rail
	QR Rail Operations Center	QR - Qatar Rail
	QR WBLRT Control Center	QR - Qatar Rail