

Client: A global port operator in Middle East

Business Challenge

- Create TMS (Traffic Management System) application for Traffic which will be integrated with multiple internal 3rd party application to provide all the details to TMS.
- Currently the traffic department team has to manually check through various application to get Truck details (IN & OUT time, Container details, Inspection details etc.) of a particular container, with this system the expectation is to have all system integrated in one and to generate one report with all the required details.

Tech Mahindra's Solution/Tools Used

- An Application, Traffic Management System (TMS) with one single unified Dashboard where details from all applications are shown together
- Integration and extract data from various systems using Web Services exposed by the respective systems
- Combine/Aggregate data extracted from all systems based on a common field say Truck No and create an XML file with all the aggregated details
- Get Turn Around Time (TAT) for each Vehicle is one of key KPI for the port.

Business Benefits

- The created database will have all extracted data from various systems which will be the source to pull various MIS reports related to trucks, containers etc.
- Generate a single view of all required data saving time of users to manually check data in various systems.
- This will enable in taking business decisions on reducing overall time spend by the trucks in the port and hence reduce traffic congestion inside the port.

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