

Case Study – Port Community System (PCS)

Set up and running Port Community System digitising transactions across Customs, statutory authorities, Ports, Shipping Lines, Hauliers, Freight Agents, Shed operators & Dry Ports

| Dev. Phase | Client Challenges | Key Deliverables | Key Achievements |
|---|--|---|---|
| <ul style="list-style-type: none">Phase 1Phase 2Phase 3Phase 4 | <ul style="list-style-type: none">➤ Paper Based Clearance systems – takes days to clear cargo. Large numbers of clerical resources needed to make the system work➤ Slow Cargo onward shipment and Port congestion➤ Lack of central repository for cargo inventory, manifest and vessel details. Lack of central messaging function between stakeholders (Customs, PH, Terminal Operator, Freight Agents, Importers, Exporters, banks. Lack of common message standards➤ Lack of connection to ICD's, Remote Transit Sheds, Dry Ports➤ Value add – Lack of vehicle control at port leading to excessive vehicle turn times.➤ Lack of KPI's for stakeholders to check performance | <ul style="list-style-type: none">➤ Central message switch supporting multiple protocols. Freight Agents and Customs able to interoperate. Port linked to receive on line clearances of cargo in real time➤ Shipping lines to feed cargo manifest into the PCS. Customs able to check Freight Agent clearance requests against actual cargo inventory. Port gets direct access to cargo manifest – pre announcement of delivery cargo details – improved stack management➤ Integration of remote stakeholders to improve information flow. Logical movement of cargo between stakeholders➤ Port Vehicle Booking system (VBS).➤ BI and Analytics tools. Provision of Standard reports and KPIs | <ul style="list-style-type: none">➤ Successful integration of Customs, Freight Agents and Port Ops for on line clearance. Timely release of cargo for onward shipment. Cargo has reduced terminal time➤ Extensive Manifest available to all statutory authorities and all other stakeholders on a reliable, resilient system. Delivery of a messaging framework for the stakeholders to interchange messages and interoperate.➤ Fully Integrated logistics network of all cargo handlers. Fully audited movement of cargo➤ Delivery of VBS with improved vehicle turn times and reduced port congestion. Improvement in port performance due to managed cargo arrival/departure.➤ Reports and KPI's for stakeholders to monitor performance |