Doosan Lin-Q Service, the most advanced equipment management solution. We create customized solutions, service and value for each an every customer.
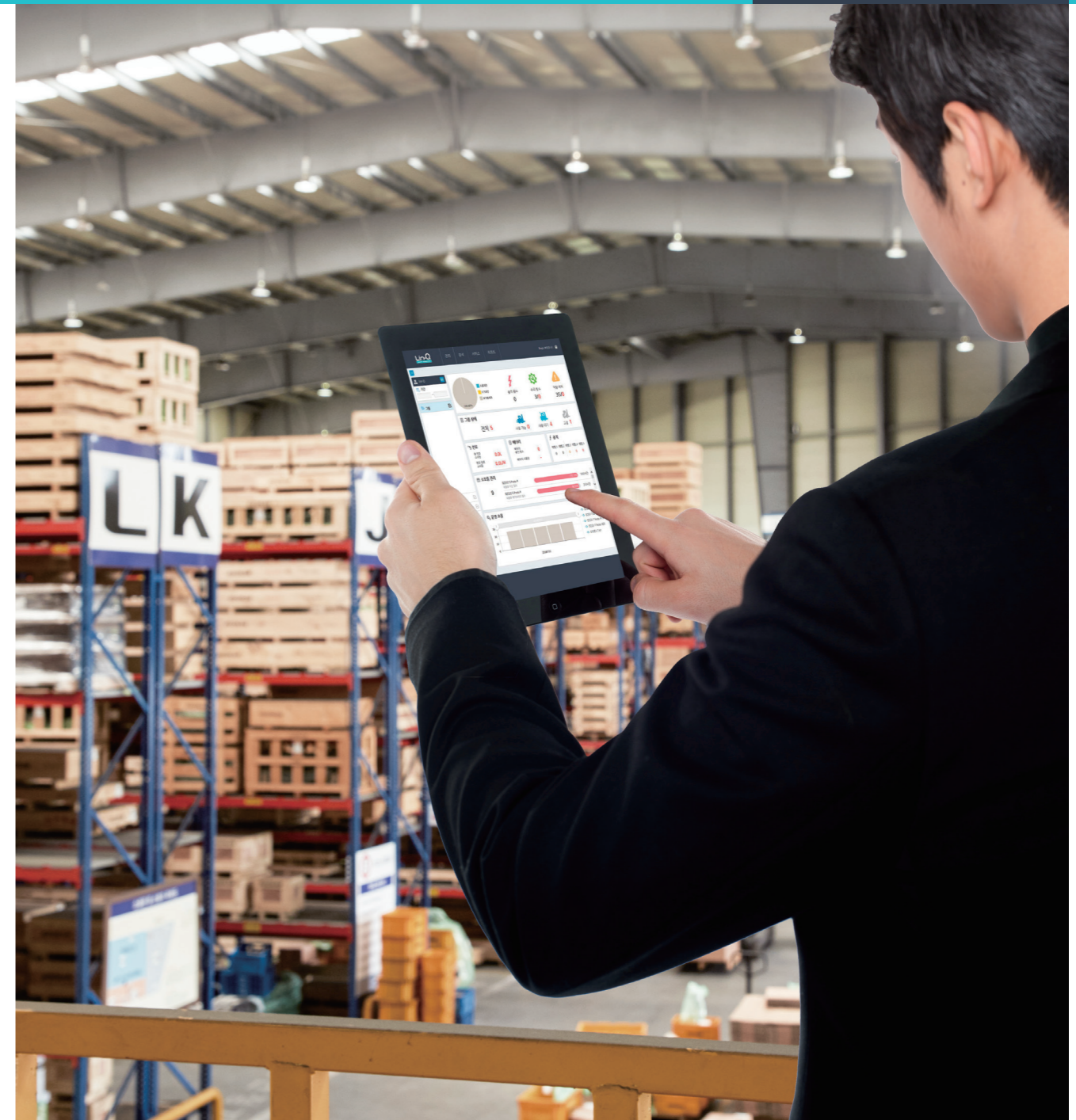
Timely Replacement of Consumables

Computerized Driving Record Management

Expanded Service Coverage

Real-time Vehicle Location Identification

Fleet/ Individual Customers

Report

Increased Vehicle Operating Efficiency

Calculation of Optimal Production Efficiency

Increased Safety Levels

Reduced Vehicle and Freight Loss Costs

OPTIMIZE OPERATIONAL EFFICIENCY

MINIMIZE EQUIPMENT DOWNTIME

ENHANCED DRIVING SAFETY

App Push

Alarm

Lin-Q SMART TELEMATICS

Rental Company

Dealer/ Service Provider

Increased Vehicle Life Cycle

Reduced Component Supply Time

Improved Inventory Management

Category		Function Item	Comm. Method	Remarks / Additional Options
Lin-Q Basic	Optimise Operational Efficiency	Operating hours, operating rate, operating efficiency, fuel consumption rate	Wi-Fi	Shock detection function - Shock history record - Alarm on shock
	Minimise Equipment Downtime	Consumables, maintenance, failure history, consumable replacement notices	Mobile	
	Enhanced Driving Safety	Speed history record, location check (GPS)		
Lin-Q Premium	Lin-Q Basic Function, etc.			Driver approval function - Driver operation record - Only authorised users are allowed to drive the vehicles.
	Optimise Operational Efficiency	Estimation of optimal number of operating vehicles, waste management, battery consumption rate, distance measurement	Wi-Fi + Mobile	
	Minimise Equipment Downtime	Error notification, pre-emptive service		
	Enhanced Driving Safety	Overspeed notification, shock detection		

* Driver approval function configuration: Card reader, 2 driver cards, 1 master card (Additional registration of general cards such as employee card is allowed.)
* Free communication fee for the first year when using mobile communication. Communication fee is charged after 1 year.
* VAT not included.
* The above price is subject to change depending on the market conditions and our policies. For the latest price information, please refer to the Doosan Logipia website (logipia.doosan-iv.com).

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Lin-Q SMART TELEMATICS

DOOSAN

DOOSAN SMART TELEMATICS SYSTEM
Lin-Q

Lin-Q
SMART TELEMATICS

Doosan Telematics System, is an advanced equipment management solution which assures higher productivity and services taylored for your specific Material Handling fleet needs.

Doosans Lin-Q Telematics System (TMS) can aid fleet management by providing a centralized service for collecting truck or driver status. Based upon local information provided by a secure, wireless network, Lin-Q is compatible with LTE, 3G WiFi and GPS Systems.

The Lin-Q system provides users an easy metric against which they can fine-tune the number of units in operation. Measures vehicle operating efficiency, minimizes downtime with vehicle status reports and enhances safety through driver detection on operating units.

Telematics System (TMS) Controller
A secure Controlled Area Network System. Works by signal acquisition within Engine Control Unit. Wireless communication (LTE, 3G, WiFi, GPS) friendly. Provides real-time reporting of driving history and equipment status, hours used, fuel consumption rate and battery charge levels.

NFC Reader
Secure System: authorized users must 'log-in' with their id cards in order to use the optional Near-Field Communication reader.

Impact Sensor
Records shocks or impacts: the degree of impact and details of the operator when the impact was detected, stages 1~5.

Lin-Q Web Management Screen
The latest 'IoT' system collects equipment information from TMS supported equipment, greatly improving its operation and management. You can check the driving time, idle time, error codes, battery status, impact strength and counts, all in real time through the web or app.

Lin-Q Web   Lin-Q App

* NFC: Near Field Communication, short range wireless communication within 10cm.

● Lin-Q key features

1 MANAGEMENT
Composed of 2 menus: Vehicle Management / Driver Management

Vehicle Management: vehicle operation information, consumables management status, repair history, vehicle error display.
Driver management: display driving status and driving record for each driver.

2 ANALYSIS
Composed of 6 menus: Summary / Operational Efficiency / Impacts / Fuel or Battery Consumption / Battery Level / Driving Record

Display information on operational state of units including hours in use, fuel consumption, number of battery charges, driving distance, number of services, etc.

3 SERVICE
Composed of 2 menus: Service Items Required / Completed Items

Maintenance and repair requests for consumables replacement and maintenance list per vehicle, vehicle error codes and other necessary items.

4 REPORT
Check and print a variety of reports broken down by day, week or even month.

● Lin-Q customer values

Optimize Operational Efficiency
Thorough analysis of work efficiency measuring metrics such as driving rate, hours in operation, fuel and consumption rate by operator or by unit.

Maximizes productivity and reduces waste factors through proper equipment operation and work allocation.

Minimize Equipment Downtime
Increased management efficiency through timely replacement of consumables, based on equipments actual hours in operation.

Improve service responsiveness through vehicle error code and action history inquiries. Minimize vehicle downtime due to failures.

Enhanced Driving Safety
Analyze speed and impact history to identify potential safety issues and operators who may require additional training or improvement.

Review driving patterns to improve productivity and increase safety. Reduce costs due to forklift or asset damages.