



Global Logistics Information GLIS Synchronization technology for QoS

High reliability based Synchronization technology for RFID infrastructure

2012. 4. 25



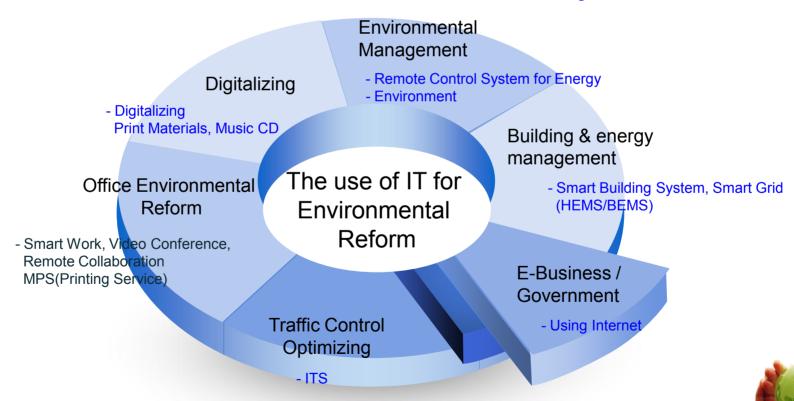
1. Overview



IT Applications for Environmental Reform

Develop innovative energy-saving technologies ...

Improvement of Society, Economy, Public Service, Enterprise Environmental Sustainability



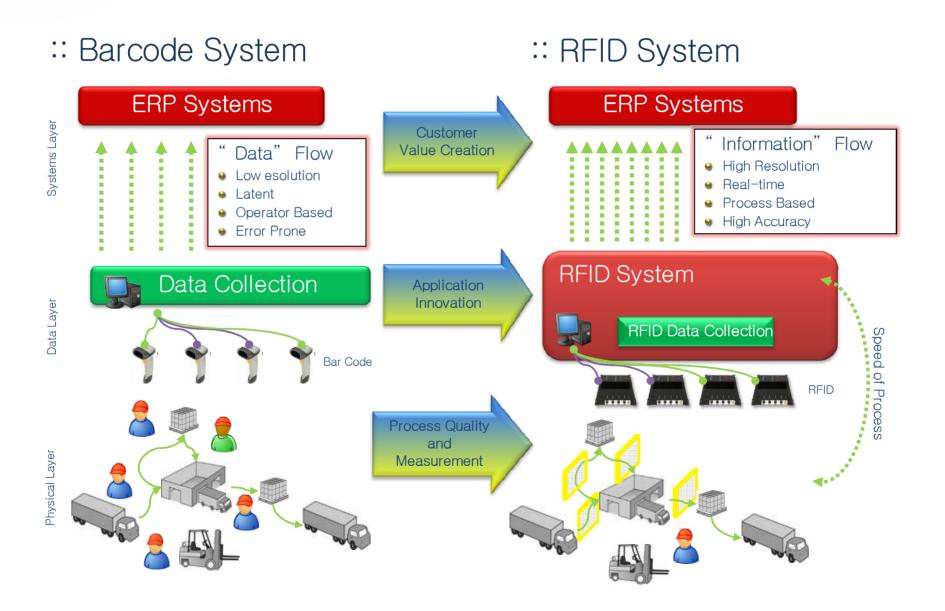
1. Overview ... RFID/USN Applications for Green ICT



Criteria		Application	Contents
	Wileless LAN Wileless LAN Outher address controlled service and a con	Supply Management	Smart logistics
	Control Found Light Table All Device Associations Assoc	Baggage Management	Baggage Tracing system
Asset Tracking		Plant Automation	Factory Automatic system
		Real-Time location System	Global position tracking
		On-Demand Management	Book, DVD, Cloth etc. rental
Security		Access Control & Security	Access card system
		Car security	Antitheft device & Start engine by ID
Transportation		Automatic Toll	Automatic Identification
		Transportation card	Automatic transport fare

1. Overview ... Smart Logistics

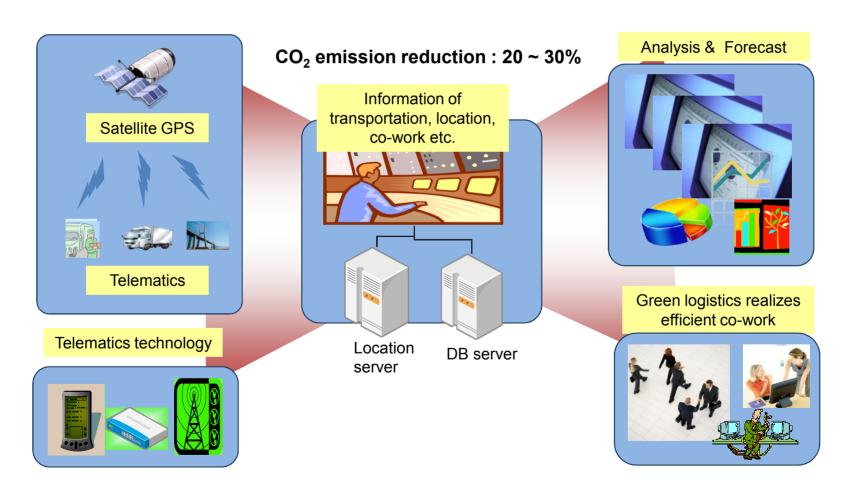




1. Overview ... Smart Logistics by Green ICT



Reduction 23% of CO_2 emission in the **Transportation**. Efficient Logistics of Smart Logistics by Telematics and GPS implementation

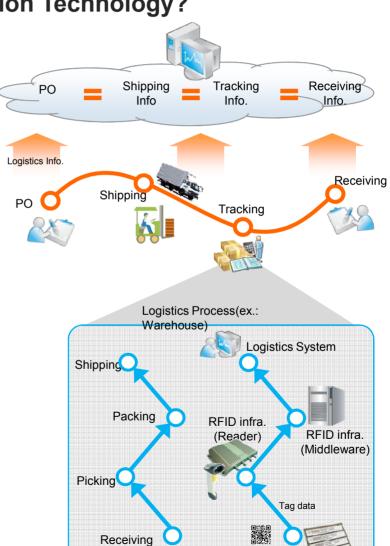


2. Background



What is Logistics Information Synchronization Technology?

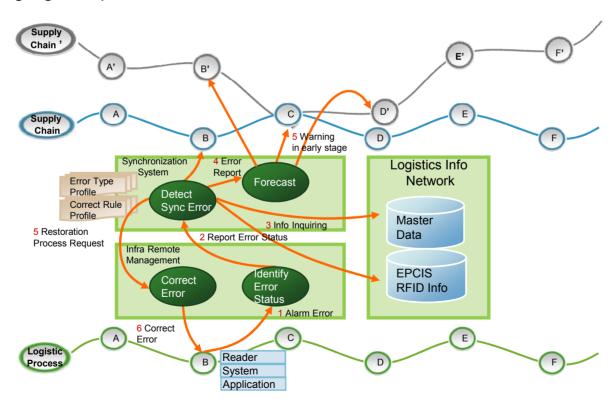
- Logistics Information Synchronization Technology synchronizes the current incorrect data with the correct data in previous logistics step by real time colleting, comparing, and analyzing logistics information occurs in each logistics step in full supply chain.
 - synchronizes the logistics information by detecting and correcting the logistics information(item, Quantity, type of Packaging, Destination, Receiving date) from the purchase order, shipment information from the factory and warehouse, and tracking information from the shipment.
 - synchronizes receiving and releasing logistics information(item, quantity) collected from RFID infra. in one logistics process.
- Logistics Information Synchronization Technology also prevents the logistics information error caused by RFID infra. by real time monitoring of RFID infra. malfunction.





Procedure of Logistics Information Synchronization

- By comparing logistics info. collected from logistics info. network and logistics info. collected from RFID infra., GLIS Takes action against the cause of logistics data error, and restores error
- By notifying the front and the rear supply chain, GLIS deals with other supply chain sharing with the corresponding logistics process



2. Background



Need of Logistics Information Synchronization

Manufacturing base
Diversification
&
Global sourcing Expansion



Supply chain Diversification &
Supply Chain Complexity



Supply chain Error &
Supply chain Cut off



Lack of Real time Logistics Info. Synchronization



Complexity

Supply chain related with many vendors

- Ratio of outsourcing: 78.8% (Avg. of manufacturing business: 68.8%)
- Supply chain related with 1st Vendor(300~400each) & 2nd Vendor(600each)

Global

Diversification of finished automobile manufacturing base & Expansion of global sourcing

- Expansion of supply chain due to diversification of automobile manufacturing base
- Complexity of global sourcing supply chain

预览已结束,完整报告链接和二维码如下:

https://www.yunbaogao.cn/report/index/report?reportId=5_7648

