Building Efficiency in Real Time

TMS SYSTEM
Transit Management System

1 **Integrated command & control**
- Real-time situation awareness and ease of management
- Eliminate the complexity through decision support
- Process automation to reduce and eliminate manual processes
- 360 visibility for informed decision making.

2 **Transforming the Commuter Experience**
- Accurate bus arrival time estimation
- Reliability through proactive monitoring and management
- Promote safety culture
- Gaining business insights

3 **Continuity**
- Extensive self-service framework built-in
- System modularity
- Greater value from information assets
- Built on open standards

AFC SYSTEM
Automated Fare Collection System

1 **Multimodal automatic fare payment enables seamless travel, improving passenger's experience**

a. Coordinate multi modal fare payment
b. Provide accurate data for improved planning

Separate cash & ticket

Cash only

Bill-paypass

2 **Back end integration system enables each agency to maintain its own zone-based fare policy**

a. Decrease fare evasion
b. Reduce operating cost

3 **Transaction process capability:**
We have been contributing to almost all system development of IC card system (AFC) for transportation companies in Japan

a. East Japan Railway Company: 40,000,000 transactions per day
b. Pasmo Co., ltd: 40,000,000 transactions per day

INTEGRATED SOLUTION
Let us know how can we help you deliver the best solutions for your clients.

INTEGRATED SOLUTION PORTFOLIO

TMS SYSTEM
Transit Management System

LECIP, as a supplier of turnkey systems, develops, produces, installs, and maintains integrated hardware and software solutions, enabling real-time efficiency building through monitoring and decision support for all key tasks required by transportation companies.
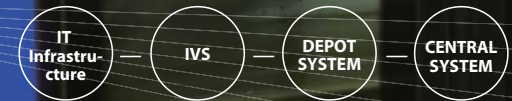
AFC SYSTEM
Automated Fare Collection System

LECIP supplies AFC central system and fareboxes that enable passengers to get on/off board safely and smoothly, count and report revenue accurately and efficiently and reduce the amount of cash collected by encouraging card use.

Improving and simplifying public transport

Managed service and fully financed solution

(IT Infrastructure) — (IVS) — (DEPOT SYSTEM) — (CENTRAL SYSTEM)

Deep insights
Public Transit Analytics

01 IT INFRASTRUCTURE

02 IN VEHICLE SYSTEM

03 DEPOT SYSTEM

04 CENTRAL SYSTEM

Transit Service Performance Cloud

- Scheduling
- Planning
- Compliance rating
- Eco-drive
- APC
- AVL/CAD
- Maintenance
- Surveillance
- Customer service
- Social networks
- AFC
- Revenue

Third Party Services

TMS
AFC Central system

OPERATIONS COMMAND & CONTROL

Passenger Information Services

LED / LCD Display

APC

PA

Computer Aided Dispatch

CCTV

OBC

Driver panel

Passenger Wi-Fi

Covert alarm

Bus IP Radio

DDU

Cash Box with Internal Memory

PROBE

PDU

Vault

OCU

Validator

POS Terminal

TVM

Farebox

Ticket Issuer

PAYMENT

COIN

BILL

MAGNETIC CARD

MOBILE PHONE (NFC Optional)

SMART CARD

TMS SYSTEM

Performance Monitoring
Total insight into the fleet operations status and KPI compliance .

Service Management
Quick response to disruptions in service

Two way communication
Text and Voice communication

Passenger Information System Management

Eco-drive
Increase Operator and Passenger safety and resource efficiency

Analytics and Reporting

AFC SYSTEM

Multi-modal automatic fare payment systems enable seamless travel improving your passenger's experience.

Improve revenue collection with new technologies and options.

Advanced farebox technology to communicate with your customers enhances acceptance of a new AFC program - and improves the rider's experience and confidence.

We offer design options such as standalone validators or integarted smartcard readers - resulting in technology flexibility to meet diverse agency requirements.

Our flexible technology will allow the addtion of or change over to new, mobile payment options- so your investment in a LECIP AFC solution ensures long - term viability.