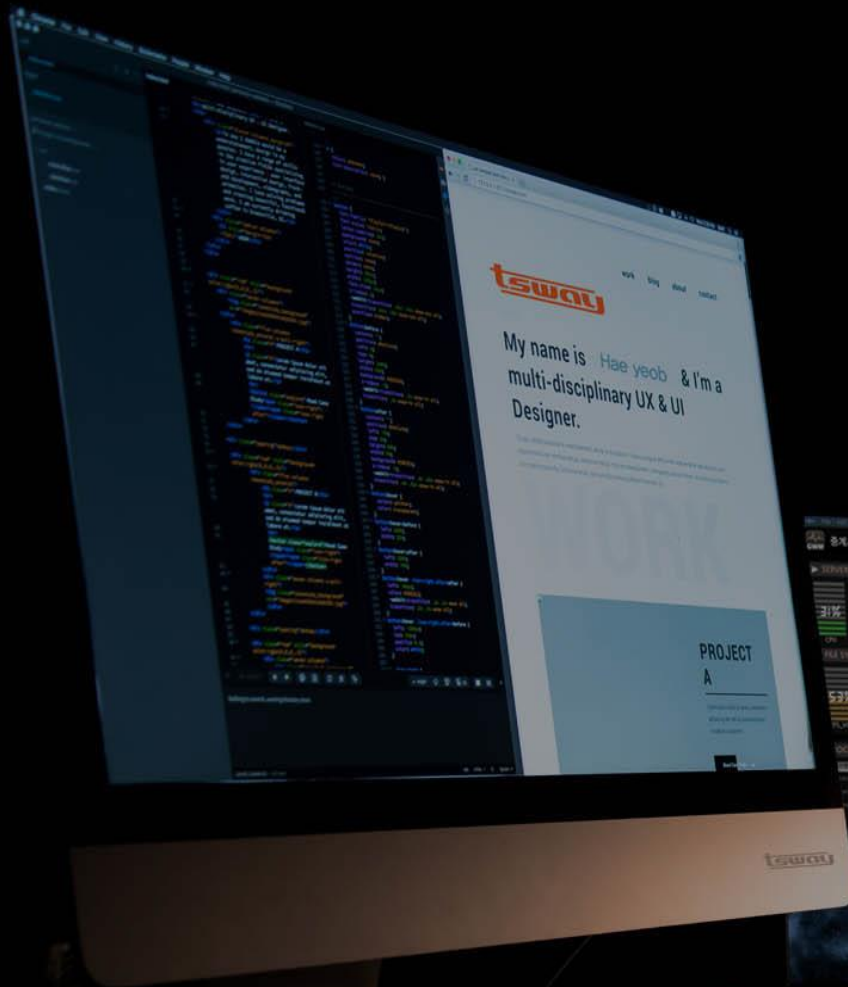


tswau

Corporate Drawings



tswau

C-302, 40, Imi-ro, Uiwang-si, Gyeonggi-do
T_+82_70_4652_1028~9 F_+82_31_8069_8676



A proud company in the world **tsway**

CONTENTS

- CEO's greeting
- Corporation history
- Business area
- Key technology
- Intellectual property rights
- Business records

"Leading global leader in the 21st century"

Our company motto is "Creation and trust".

This means that it is not just trying to acquire many customers right away

TSWAY is committed to doing my best to my present and future customers not any all.

I think this is the way we succeed as a global leader in the 21st century.

TSWAY will be make a company that both customers and employees want to join together,
through creative thinking and practice always to impress customers.

Thank you.

CEO of the TSWAY

Suk Min Kim

HISTORY

2008

Birth of TSWAY

- Establishment of a research institute affiliated with TSWAY
- Acquire software business license in Korea
- Executed the business of development of toll road toll collection system in the main

2010

Preparation for Growth

- Registered as an excellent venture company
- Development RP-MCI(Middle-ware) solution and acquiring GS certificates
- Started the business of integrated development and maintenance of Korea expressway corporation

2017

Preparation for Leap

- Expansion of business area (Finance, VAN, ITS)

2022

New Leap

- Acquire information and communication business license
- Transfer of office building to Indeokwon IT Valley
- Expansion of business areas (IoT, Internet of Things, AI)

TSWAY is
provide IT total services based on own core technology
ranging from system consulting to development.

SI

Intelligent transport system
Public IT system

SOLUTION

Middleware, Channel Integration,
Content Security Solutions

ITO

Provides best-in-class
outsourcing using a variety of
solutions across disciplines

SM

ITS, ICT maintenance
Operation & management

R&D

New technology research
Creative contents development

CONSULTING

Strategy consulting,
design and supervision

Architecture



- Linux based Network management system
- TMN(Telecommunication Management Network) management system
- Object-Oriented Analysis & Design
- Distributed Computing
- Mass Database Design & Processing

SYSTEM



- TCP/IP, X.25, HTTP, FTP
- System S/W (Middleware, MCI)
- Platform
Unix, Solaris, AIX, HP, Linux, NT, Windows, etc
- Database
Oracle, Sybase, Informix, etc
- Language
C/C++, VC++, JAVA, Delphi, HTML5, CSS3, Flash, XML, etc

OSS/SMS/NMS



- SLA/SLM (Service Level Management) technology
- Fault Management
- Traffic Monitoring
- Traffic Measurement & Data Analysis
- System Management
- Data Collection Interface

TSWAY's technology has been thoroughly tested by various customers
And currently being used as a key technology

Certificate



RP·MCI®

Realtime Process Multi-channel
integrate SOLUTION
Domestic/10-0020

Program

TS-WAY

Unix & Windows based
Middle-ware

2008-01-272-005863

CP-Solution

Corporate certification
certificate
Management system

2024

- Establishment of San Francisco subway center settlement system
- Korea Expressway Corporation 2024 ITS certification evaluation system maintenance and management
- Korea Expressway Corporation 2024 National Transportation Data Open Market Maintenance and Management
- Korea Real Estate Agency urban maintenance project construction
- Gimcheon City road maintenance management system DB construction and operation support
- Improvement of Chungcheongnam-do smart road maintenance system function

2023

- Advanced Information System for Maintenance Projects
- 2022-2023 Maintenance of Sales Information
- Automatic refund of prepaid card tolls S/W development in progress
- Development of National Highway Traffic Information System Integrated SW
- Development of Busan City Oil Road Business System
- Maintenance of the National Academy of Sciences information system
- KB Bank maintenance
- Shinhan Savings Bank's next generation mobile banking

2022

- Korea Real Estate Agency green building management and maintenance
- Maintenance of the National Academy of Sciences information system
- Korea Expressway Corporation Seoul Jaemulpo Tunnel sales system S/W construction
- KB Savings Bank maintenance
- Korea Expressway Corporation-Western Main Line Underpass Sales System S/W Construction
- External maintenance of Urban Railroad Corporation
- Maintenance of Washington subway connection system
- Establishment of NH Savings Bank open banking & Giro utility bill payment system

2021

- Korea expressway corporation TCS integrated information system
- Deoksong-negak expressway ETCS system
- Korea Appraisal Board-National Electric Energy Maintenance Management
- Establishment of Washington subway connection system
- IBK Pension Personal Information Masking Project
- KB Savings Bank mobile banking function improvement

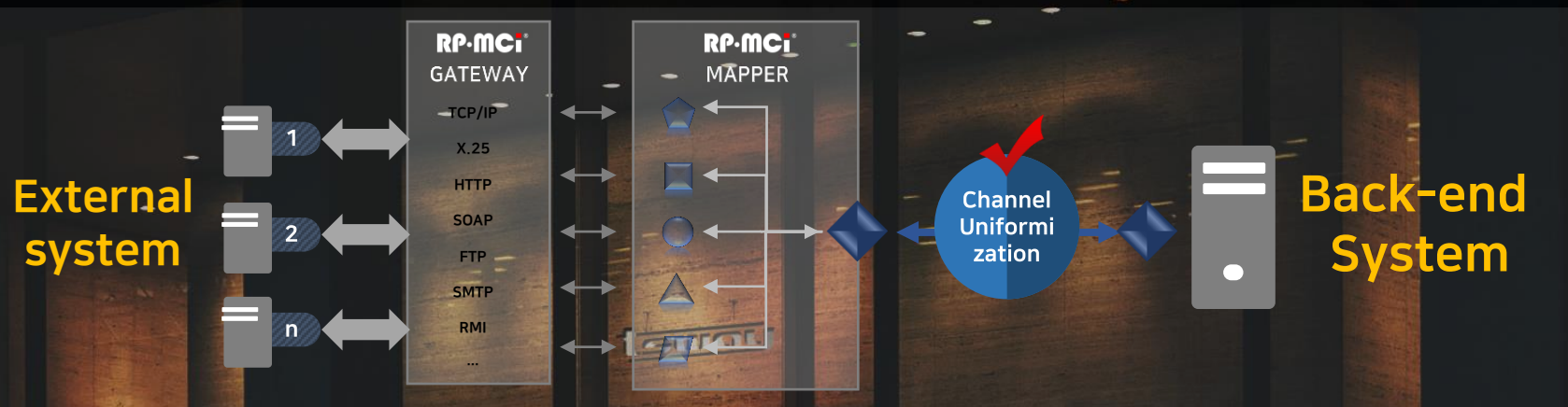
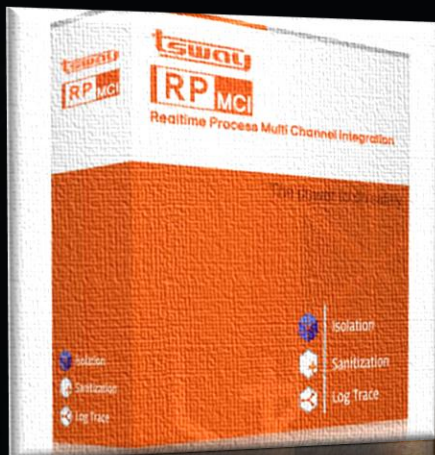
2020

- PERU expressway tolling system
- Daegu urban expressway tolling system
- Expressway limited vehicle restraint system
- Changwon-Busan expressway tolling system
- JTnet Credit card VAN System
- Hyundai card VAN system
- Korea forest service corporation gardening technique management system R&D
- Seoul Knowledge sharing system
- LG U+ credit card VAN system
- NFC Mobile positioning information system
- FABRIC Management ERP
- Hyundai motors web-based navigation system
- Korea expressway corporation credit card charge payment system
- Hi-pass terminal authentication system
- Integrated management of tunnel facilities system
- Misi-ryeong / Ulsan-bridge / Bookhang-bridge tolling system
- Sooseok-Hopyong espressway / Geoha-bridge tolling system
- TTMS(Tunnel traffic management system)
- Masan-Changwon / Siheung-Pyeongtaek toll road tolling system
- Public transport operation system R&D



RP-MCI is an interface framework solution for real-time enterprise delivery

The MCI is located in the middle of the internal system of the enterprise/organisation and external channels, and serves as an integrated management of all communication channels.



Accept various channels

TCP/IP, SNA, X.25, HTTP,
TP-Monitor(Tmax, Tuxedo) MQ 등

batch transmission function

Standardized management of batch
transmission and reception by each
organization

Professional Chambers Functions

Integrated management with unique
professional number for easy
tracking of abnormalities

Scheduling

Specialized transfers at specific
times or times and automatic
execution of business processes

Network Management

Provides always-on network health
monitoring and automatic
retransmission during disaster
recovery

Disability management

Separate backup 24*365 service
provided with channel operation and
fault detection

Specialized translation

Automatic professional translation
when registering a special format for
each system in accordance with the
established internal rules

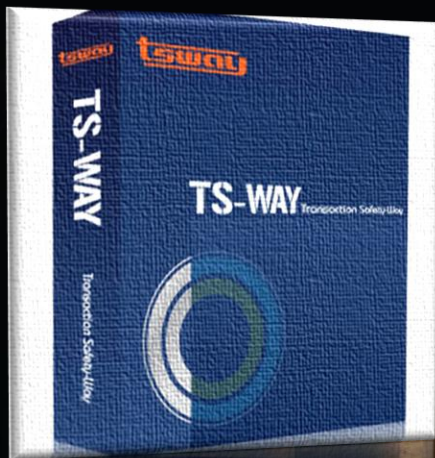
Routing

Link systems by extracting routing
information into the received
specialist professional key field

TS-WAY (Transaction Safety-Way) 2008-01-272-005863

TS-WAY is a TP-monitor responsible for processor management and failover.

TP-monitor is the transaction management middleware that serves to monitor/manage transactions and maintain them consistently.



Process Management

Operate and monitor flexible processes for optimal operation

Transaction Management

Distributed Transaction Processing 2 Phase Committee Support

Load control

Auto-adjust process count and quota according to load

Various APIs, communication methods

Synchronous/Asynchronous communications, different message types, and support

Various communication platforms

Supports a wide range of existing communication platforms, including serial, TCP/IP, HTTP, and X.25

Automate incident response

Automatically detect when a process is down or shut down and immediately restarts

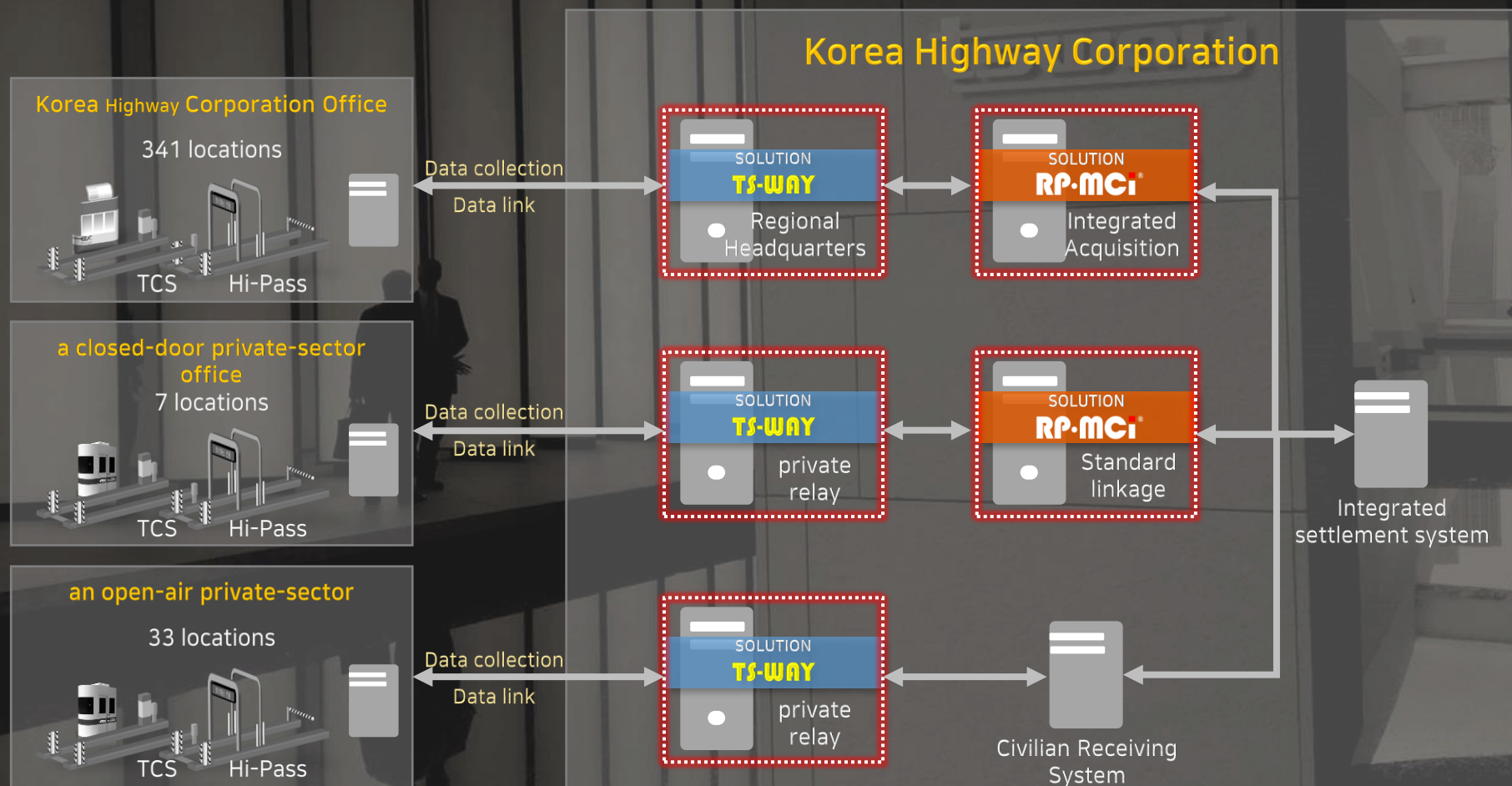
System Management Functions

Provides an environment for monitoring all communication and data transmission status

Toll road classification

Korea Highway Corporation One-Tolling System, credit card deposit, private relay

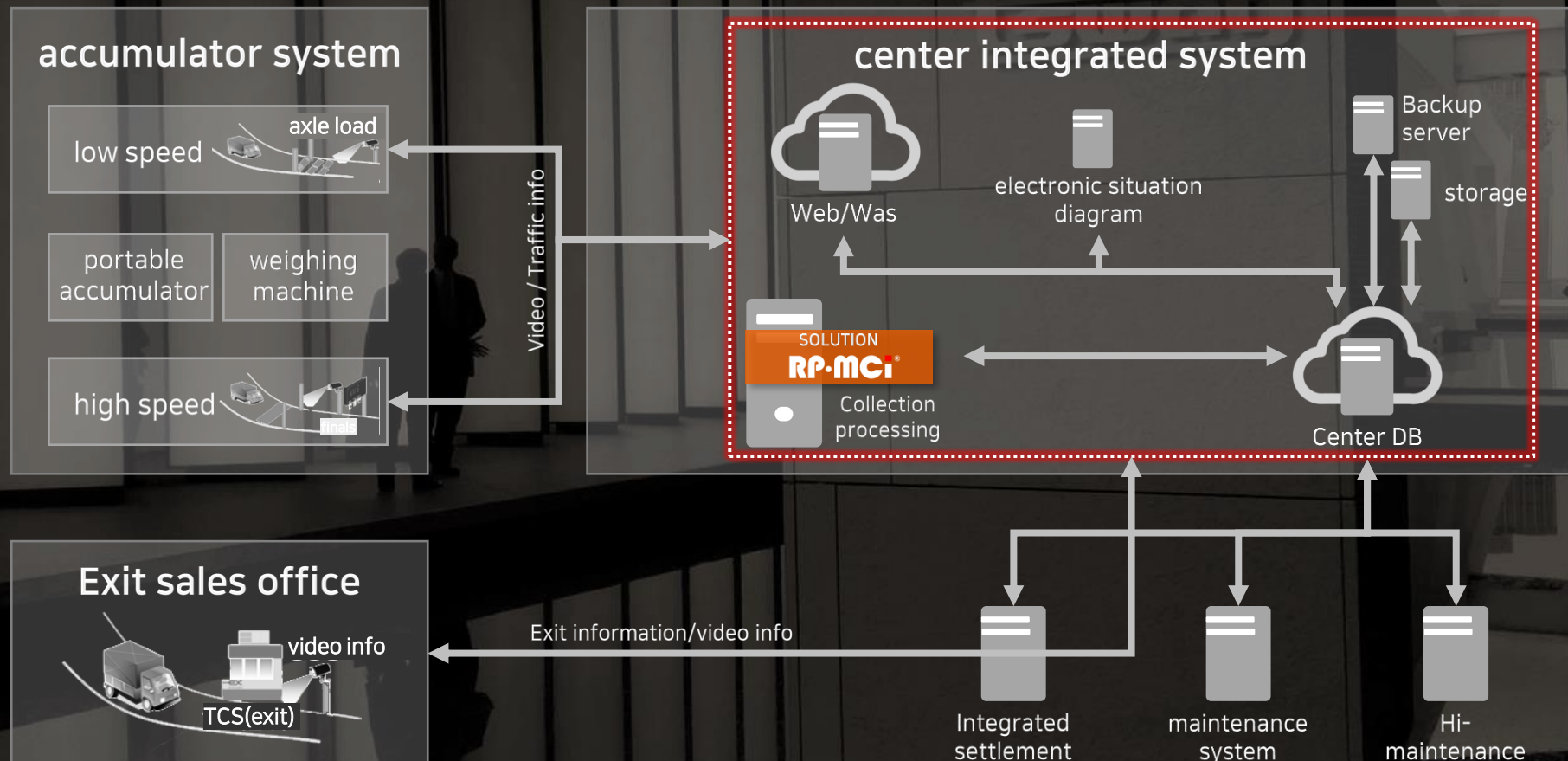
The RP-MCI of TSWAY is used as a core solution for the nationwide toll-free collection and collection system.



Facility management sector

Remote management of tunnel electrical facilities and tunnel TTMS

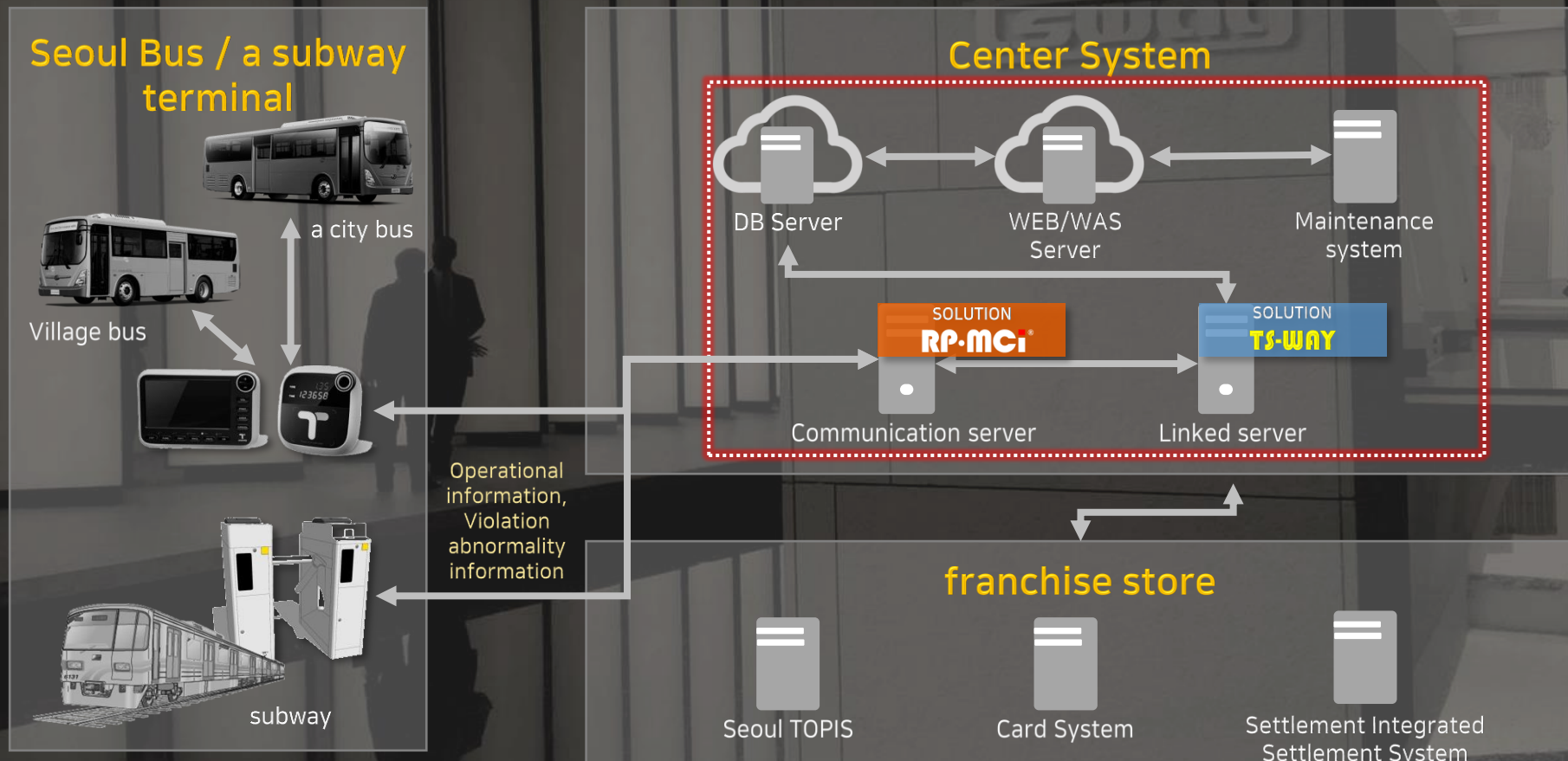
RP-MCI is used as a data collection and processing system for the management and maintenance of overloaded vehicles on highways, road pavement, and freight vehicles.



The public sector

Urban Railroad Corporation, Seoul Metropolitan Bus System

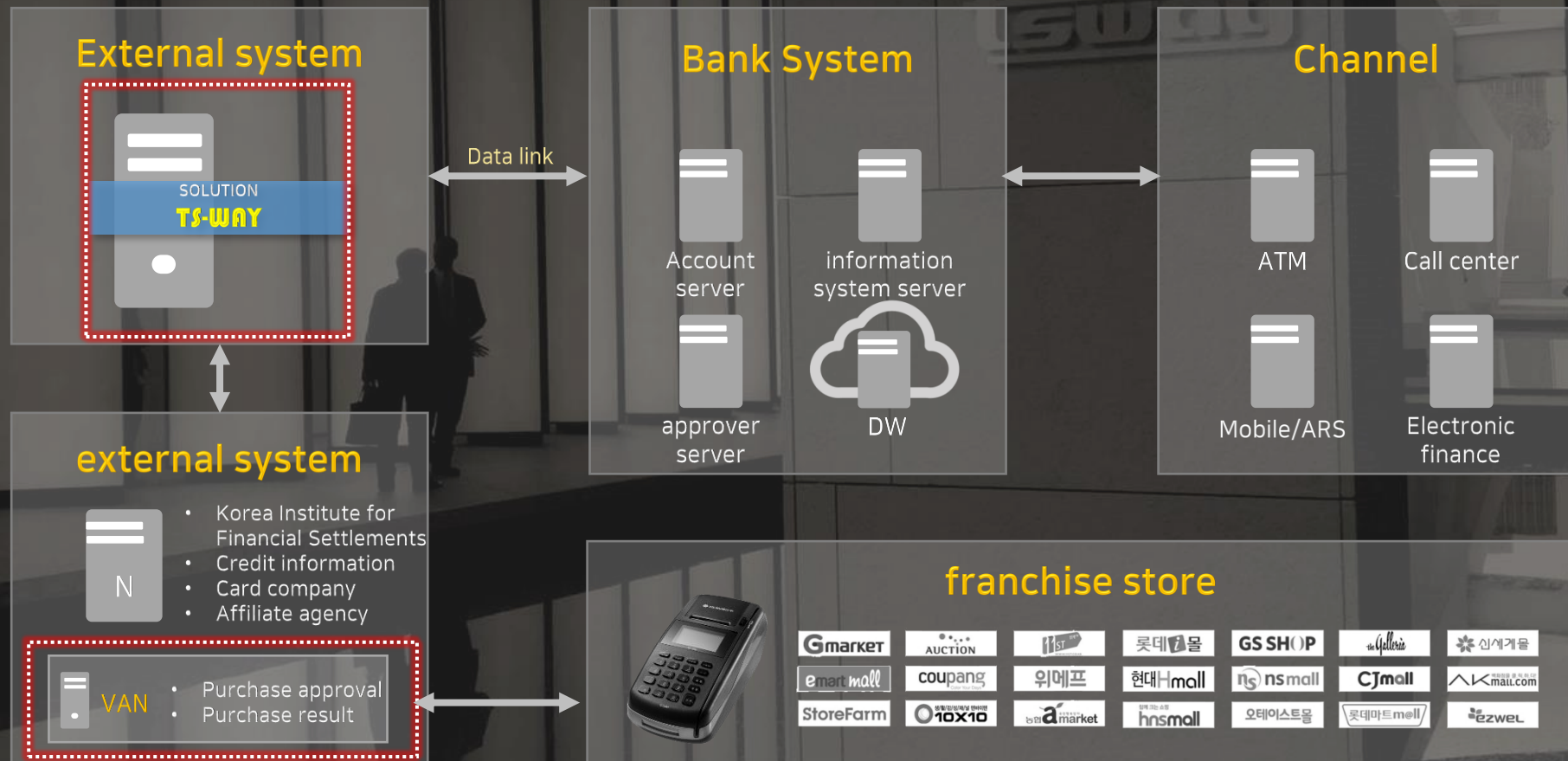
TSWAY technology has been established to connect the subway with local buses, freight collection and collection, and external systems.



Private business sector

Insurance company, Bank, Van Corporation

Seoul Guarantee Insurance Co., Ltd., LG U+ VAN, responsible for data linkages such as JTNet VAN.



"A proud company in the world, TSWAY!"

The challenge for the our dream continues.

Thank you.

tsway