

Terminal Logistic Suite VP

Terminal Automation & Management



Bulletin 36J07B20-01E

www.yokogawa.com

vigilantplant.[®]
The clear path to operational excellence

YOKOGAWA ◆

Select YOKOGAWA, as your partner...

We are always with you as a partner to solve your concern to make it comfort with confidence!

YOKOGAWA has been providing our solution to meet customer's need for terminal management management for decades. YOKOGAWA is more than happy to be of your help for daily terminal operation.

Terminal Concerns

Safety

- Abnormal situation
- Security check at the gate
- Data integrity
- High power complex machinery
- Authentication

Efficiency

- Increase operational flexibility
- Traffic management

Availability

- Asset availability
- Demurrage reduction
- Path management

Human reliability

- Improved flexibility
- Skilled personnel availability

The Solution!

- Improved security
- Interlock procedures to avoid mis-operations
- Masterdata management
- Eco friendly operation

- Safety instrumented system (ESD, Fire and GAS)

- Easy maintenance
- Speed up operation
- Inventory management
- Easy engineering

- Intelligent jetty scheduling
- Contamination minimization
- Pump management

- System tracks equipment services to avoid contamination
- Operation flexibility
- Operation skillset improvement
- Auditing operation
- Procedural operational support

**Above all,
Yokogawa is Long term and
Sustainable Terminal Business Partner**

Yokogawa Terminal Logistic Suite VP can offer what you need for Terminal Operation

Terminal Logistic Suite **VP**™

Standard

Professional

Advanced terminal management is provided.

Level 4

Level 3

Level 2

Level 1

- SAP/ERP interface
- Procedural support for administrative work
- Order management
- Result management
- Masterdata management
- Truck loading
- Truck queuing management
- Time management of truck in the terminal
- Rail car loading
- Ship loading/unloading management
- Tank to Tank transfer
- Pipeline dispatch/receipt
- Inventory calculation and management
- Quality management
- Security management
- Audit trail
- Web access
- System redundancy
- Data backup/restore
- Control system interface
- Data closing management
- Reconciliation
- Favorite reporting generation
- Multi owner management

- Operation procedure control for ship and tank to tank transfer
- Loading/unloading control of truck and rail car
- Number of pumps control
- Data gathering and management for rotating equipment
- Utility Equipment control
- Safety instrumented system (ESD, Fire and GAS)

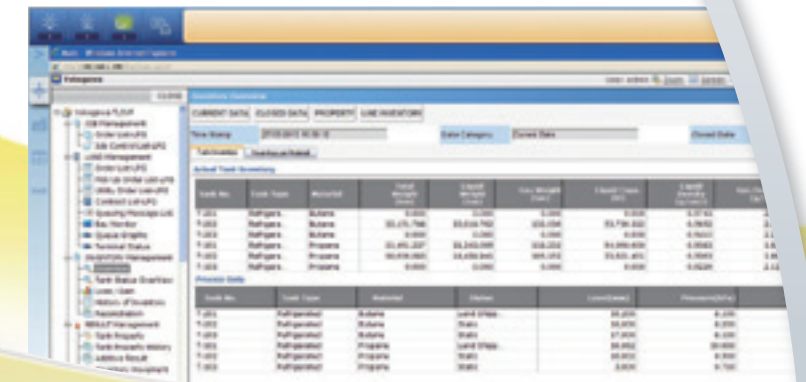
- Field Equipment
- Tank gauging system
- Weigh Scale

- **Path selection**
- **Jetty scheduling**
- **Service terminal management**

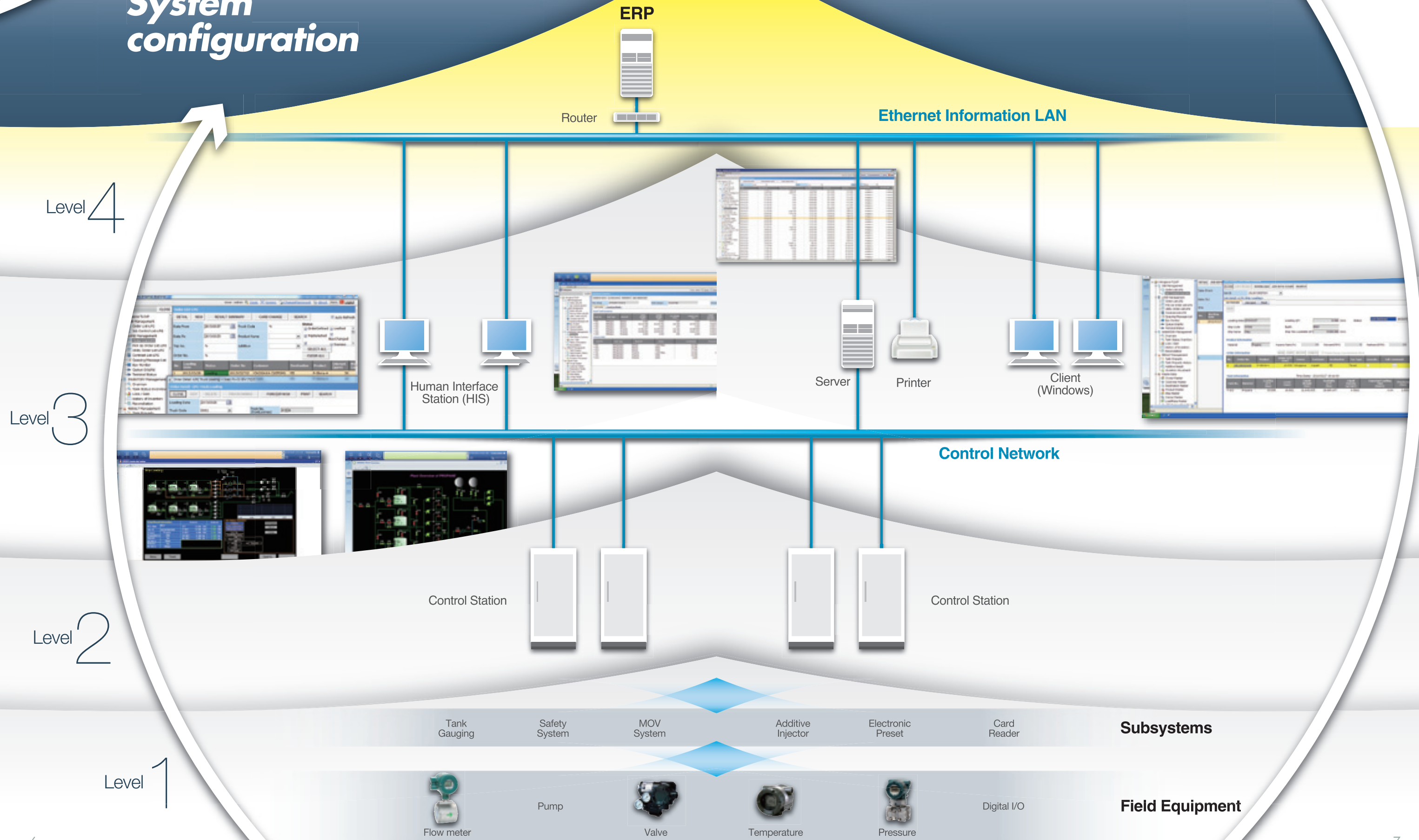
- SAP/ERP interface
- Procedural support for administrative work
- Order management
- Result Management
- Masterdata Management
- Truck Loading
- Truck Queuing Management
- Time management of truck in the terminal
- Rail car loading
- Ship loading/unloading management
- Tank to Tank transfer
- Pipeline dispatch/receipt
- Inventory calculation and management
- Quality Management
- Security Management
- Audit Trail
- Web access
- System redundancy
- Data backup/restore
- Control system interface
- Data closing management
- Reconciliation
- Favorite reporting generation

- Operation procedure control for ship and tank to tank transfer
- Loading/unloading control of truck and rail car
- Number of pumps control
- Data gathering and management for rotating equipment
- Utility Equipment control
- Safety instrumented system (ESD, Fire and GAS)

- Field Equipment
- Tank gauging system
- Weigh Scale



System configuration



vigilantplant.[®]

The clear path to operational excellence

SEE
CLEARLY

KNOW
IN ADVANCE

ACT
WITH AGILITY

VigilantPlant is Yokogawa's automation concept for safe, reliable, and profitable plant operations. VigilantPlant aims to enable an ongoing state of Operational Excellence where plant personnel are watchful and attentive, well-informed, and ready to take actions that optimize plant and business performance.

YOKOGAWA ELECTRIC CORPORATION

World Headquarters
9-32, Nakacho 2-chome, Musashino-shi, Tokyo 180-8750, Japan
<http://www.yokogawa.com/>

YOKOGAWA ELECTRIC INTERNATIONAL

5 Bedok South Road, Singapore 469270, Singapore
<http://www.yokogawa.com/sg/>

YOKOGAWA CORPORATION OF AMERICA

12530 West Airport Blvd, Sugar Land, Texas 77478, USA
<http://www.yokogawa.com/us/>

YOKOGAWA EUROPE B.V.

Euroweg 2, 3825 HD Amersfoort, The Netherlands
<http://www.yokogawa.com/eu/>

YOKOGAWA MIDDLE EAST & AFRICA B.S.C.(c)

P.O. Box 10070, Manama
Building 577, Road 2516, Busaiteen 225, Muharraq, Bahrain
<http://www.yokogawa.com/bh/>

Yokogawa SOUTH AFRICA (Pty) LTD.

Block A, Constantia Ridge Office Park, 764 Golf Club Terrace,
Constantia Kloof, Roodepoort, Johannesburg, 1915, South Africa
Po Box2570, Florida Hills, 1716, South Africa
<http://www.yokogawa.com/za/>

YOKOGAWA CHINA CO., LTD.

3F Tower D Cartelo Crocodile Building
No. 568 West Tianshan Road, Shanghai 200335, China
<http://www.yokogawa.com/cn/>

Represented by:

Trademarks

All brand or product names of Yokogawa Electric Corporation in this bulletin are trademarks or registered trademarks of Yokogawa Electric Corporation. All other company brand or product names in this bulletin are trademarks or registered trademarks of their respective holders.