Application Scenario
How Process Visualization Works in the Factory

Pain Points of Global Manufacturers
Management of hundreds of PCs
A modern factory typically consists of hundreds of PCs deployed on various applications. However, this can require intensive effort on system maintenance and authority control for so many individual computer systems, so IT managers want a centralized management system to monitor and control all clients.

Limited Performance of Terminal PCs
When applications become more and more complicated, for instance to process massive calculations or connecting to multiple monitors, it requires higher performance from terminal PCs, but that limits their usage in harsh environments.

Hours to Recover Failed Computers
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Ordering Configuration Table
SRP-FPV240 Centralizing Productivity & Downtime Management

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Order in 3 Easy Steps

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2. Add to Cart
3. Confirm Order

Go Online Store
Step 1: Login
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Step 2: Configuration
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Boost Productivity with Less Downtime
Save time managing computers and simplify recovery within 2 minutes.

Ordering Con/f_iguration Table
Apply Your Software
ACP-enabled BIOS for ThinClient x1
Preinstalled ACP-enabled BIOS

Ordering Con/f_iguration Table
Package Offering
Application Software
ACP-enabled BIOS for ThinClient x1
Preinstalled ACP-enabled BIOS

Optional Configuration
Option 100 Wise-PaaS Software
Option 200 Add-on Accessories
Option 300 System Computing

Save every client and user operations in the past and allow them to manage in a configuration wizard.

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SRP-FPV240
Centralizing Productivity & Downtime Management

Solution
Ready Platform
Entering a New Era of Smart Manufacturing

Introducing SRP-FPV240 Solution for Centralizing Productivity and Downtime Management

This Solution Ready Platform allows users to easily manage all server applications and the thin clients from the plant floor to the control room on a single user interface. Users can execute which client/user to access and what content to be displayed. SRP-FPV240 checks anyone’s unique server applications via multi-monitor, multi-session and flexible screen tiling functions, especially useful for multi-tasking. SRP-FPV240 diskless industrial thin client features high reliability in any automated environment to greatly reduce extra costs from unexpected downtime. SRP-FPV240 supports fast failover by plugging it in a backup unit.

**Software Architecture and Key Design Features**

- **Centralized Applications & Client Management:** Manage all server applications and the ThinClients from the plant floor to the control room on a single user interface. Users can execute which client/user to access and what content to be displayed.
- **Multi-Monitor Display:** ThinClients present superior visualizations by virtual screen tiling functions and flexible screen tiling functions. Especially useful for multi-tasking scenarios.
- **Easy Maintenance of ThinClient with Less Downtime:** Diskless industrial ThinClients feature high reliability in any automated environment, which greatly reduces the extra cost from unexpected downtimes.

**System Block Diagram**

**Key Advantages/ Features**

- **Screen Tiling for Superior Visualization:** ThinClients present superior visualizations by virtual screen tiling functions and flexible screen tiling functions; especially useful for multi-tasking scenarios.
- **One Client for Independent Operations:** Access server applications by operator’s authority.
- **Situation Room Supervisor:** Mobile access to server applications. iOS/Android/Windows.
- **Central Application Management:** Manage all server applications and the ThinClients from the plant floor to the control room on a single user interface. Users can decide which client/user to access and what content to be displayed.

**Solution-Ready-Platform Package**

- **ACP ThinManager Ready Client:** Preconfigured ACP-enabled ThinClient BIOS.
- **UNO-2362G-T2AE:** AMD® Dual Core T40E Small-Size Automation Computer, 2GB RAM, HDMI DisplayPort.
Entering a New Era of Smart Manufacturing

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**System Block Diagram**

- Central factory IT system management
- Centralized computing resources
- Fast and reliable by instant server failover

**Key Advantages/ Features**

- **Centralized Applications & Client Management**
  Manage all server applications and the ThinClients from the plant floor to the control room on a single user interface. Users can execute which client/user to access and what content to be displayed.

- **Supports Superior Visualization for Multi-tasking**
  ThinClients present superior visualization by virtual screen tiling. ThinClients can support multi-monitor, multi-session, and flexible screen tiling functions, especially useful for multi-tasking scenarios.

- **Easy Maintenance of ThinClient with Less Downtime**
  Diskless industrial ThinClients feature high reliability in any automated environment to greatly reduce extra costs from unexpected downtime.

**Solution-Ready-Platform Package**

- **ACP ThinManager Ready Client**
  Pre-installed ACP-enabled ThinClient BIOS

- **UNO-2362G-T2AE**
  AMD® Dual Core T40E Small-Size Automation Computer, 2GB RAM, HDMI DisplayPort

**Software Architecture and Key Design Features**

- Mobile access to server applications
- Android/Windows
- Centralized applications & client management
- Authority Security
- Fast failover by Plug & Play
- Independent Operation for multi-user
- Central Application Management
- RDP PXE Authority Management
- Multi-Monitor Application Switch
- Display Tiling

**Screen Tiling for Superior Visualization**

**One Client for Independent Operations**

**Situation Room Supervisor**

**dept MS/ERP**

**HDMI**

**ThinClient**

**43” LCD**

**Windows Server 2016**

**MES**

**ERP**

**MES/ERP**

**ACP-enabled BIOS**

**Network**

**ThinClient**

**43” LCD**

**Windows Server 2016**

**Situation Room Supervisor**

**HDMI**

**ThinClient**

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Software Architecture and Key Design Features

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- **Centralized Applications & Client Management**: Manage all server applications and the Thin Clients from the plant floor to the central control room on a single user interface. Users can decide which client users to access and what content to be displayed.

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- **ACP ThinManager Ready Client**: Preinstalled ACP-enabled ThinClient BIOS

**Key Advantages/ Features**

- **Centralized Applications & Client Management**
- **Supports Superior Visualization for Multi-tasking**
- **Easy Maintenance of ThinClient with Less Downtime**

**Solution-Ready-Platform Package**

- **ACP ThinManager Ready Client**
- **UNO-2167G-T2AE**

**User A User B Log In**

A

Multi-Monitor Display Tiling

BA

Display Tiling

BA

Application Switch

BA

Authority Security

BA

Fast Failure by Plug & Play

A

**Screen Tiling for Superior Visualization**

**One Client for Independent Operations**

**Situation Room Supervisor**

- **ThinClient Access server applications by operator's authority**
- **Dual-display ThinClient Supervisor ThinClient**
- **Monitor & Control**

**43" LCD Screen Tiling for Superior Visualization**

**One Client for Independent Operations**

**Situation Room Supervisor**

- **Mobile access to server applications**
- **iOS/Android/WIndows**
**Application Scenario**

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Boost Productivity with Less Downtime

See what will happen...

See every client and user operating in the plant and simply set up their administration via a configuration wizard.

Deliver the Right Content to the Right Person in the Right Place

Save time managing computers and simplify recovery within 2 minutes.

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**Optional Configuration**

- **Option 100: WISE-PaaS/SaaS Software**
  - WebAccess/Cloud License (Preliminary) Qty: ____
  - Five-monitor ThinClient (Preliminary) Qty: ____
  - 43” FHD Display (Preliminary) Qty: ____

- **Option 200: System Computing**
  - Power Adaptor (PWR-247-CE) Qty: ____

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**Seeing Process Visualization Works in the Factory**

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