

The Global Leader in Thin Client Management & Industrial Mobility Solutions



A Rockwell Automation Technology

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# THINMANAGER®

The Global Leader in Thin Client Management  
& Industrial Mobility Solutions

Deliver the right content  
to the right person  
in the right place.

ThinManager provides software solutions for automation networks that enable secure, centralized configuration and deployment of applications and content to every PC, thin client, mobile device and user. ThinManager® increases safety and security through powerful visualization and authentication features allowing you to reduce your maintenance and downtime by simplifying the management of all devices and users.

You can also go mobile with ThinManager's built-in mobility solution, Relevance®—the only location-based mobile management platform that allows applications and content to be securely delivered to specific locations within your facility and nowhere else.

Increase your productivity, visualization, mobility and security from one easy-to-use, centralized and scalable management platform.

# 10

What's new in  
Version 10.0

- ▶ Authentication pass-through
- ▶ PIN authentication
- ▶ Password caching
- ▶ Tiling, Virtual Screen and camera support for WinTMC
- ▶ Wearables support, including HoloLens
- ▶ Separate ActiveX events
- ▶ Use a mobile device as a beacon
- ▶ Additional Location Resolvers

For a comprehensive list of new features and updates, please visit:

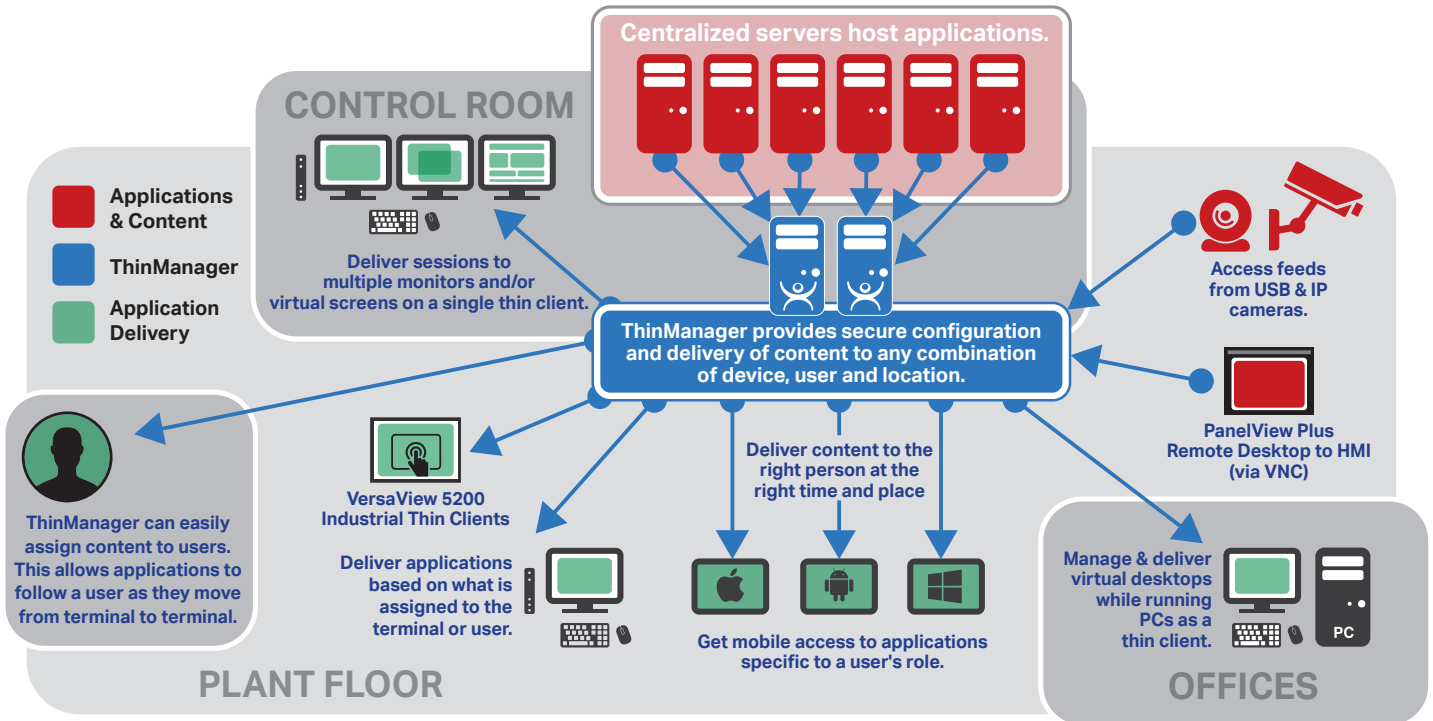
[www.thinmanager.com](http://www.thinmanager.com)

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# How it works...



Safely and securely deliver your **CONTENT** to any combination of **DEVICE**, **USER** and **LOCATION**.

 <h2>Content</h2> <ul style="list-style-type: none"> <li>• HMI</li> <li>• MES</li> <li>• CMMS</li> <li>• ERP</li> <li>• SPC</li> <li>• Web documents</li> <li>• Cameras</li> <li>• Workstations</li> <li>• Terminals</li> </ul>	 <h2>Device</h2> <ul style="list-style-type: none"> <li>• Thin clients</li> <li>• Mobile devices</li> <li>• PC workstations</li> </ul>	 <h2>User</h2> <ul style="list-style-type: none"> <li>• Individuals</li> <li>• Groups</li> </ul>	 <h2>Location</h2> <ul style="list-style-type: none"> <li>• Facility</li> <li>• Line</li> <li>• Area</li> <li>• Device</li> </ul>
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# BOOST Productivity



ThinManager provides a powerful set of tools that lets you focus on producing more with less downtime.

Downtime is the killer of productivity and profit. When it's your responsibility to make sure that product goes out the door, you don't have time to worry about managing the computers your workforce uses to get their jobs done.

ThinManager helps to take away the burden of spending too much time managing computers. Our systems provide the ease-of-use you need to ensure that all devices and users have exactly the tools they need. By supporting industrial-grade thin clients, we offer our customers the longest lasting system on the market.

ThinManager also provides full redundancy and instant failover on the server side so that you keep all the components of your automation network running in high availability mode around the clock.

**No one wants a 2 a.m. phone call** — but when it does happen, it's best to have ThinManager in place so that a down terminal can be replaced in under 2 minutes with no loss of data. Simply plug in a replacement terminal, reconnect to ThinManager and continue working.



## Configuration Wizards

Easily configure every server, terminal and user without writing any code.

NEW!



## Authentication Pass-Through

Pass user credentials to supported HMI products using a token-based technology. \*



## WinTMC

A client application that transforms a PC into a thin client terminal.



## Virtual Machine Support

Connect to VMware ESXi servers to manage and control the virtual machines from ThinManager.



## PXE Boot

Allows many common thin clients to become ThinManager capable thin clients.



## VNC

VNC sources can be shadowed and deployed to any terminal including mobile devices. Supports PanelView, PanelView Plus and PanelView 5000.



## CSV & HTML Reporting

Run reports that show the event log, configurations, uptimes, and other critical data.



## Server & Terminal Grouping

Create terminal & terminal server groups to simplify their management.



## Touchscreen Support

Support for a serial or USB touchscreen terminal.



## Custom Variables

Add user-defined variables to terminals, users, and locations.

\*FactoryTalk View SE will be the first HMI to support this. Capability will be made available to other HMI vendors in subsequent releases.

# ENHANCE Visualization



Centralized management  
of applications and visual sources,  
all from a single user interface.

Modern automation is all about visualization. There are many different applications that you rely on to keep your automation network up and running at peak performance. From the plant floor to the control room, it is imperative that you always be able to keep an eye on every aspect of production.

ThinManager not only excels at delivering your content where you need it, but also at presenting your content the way you want to view it. From multiple monitors, to IP and USB cameras, to shadowing every terminal on the network, ThinManager provides all the tools you need to make sure you have the ability to see every device and user operating in your automated environment.

With the new Virtual Screening ability, you can customize the way you present applications and data from multiple sources. Design your view to meet all your needs without rewriting a single line of code.

ThinManager also supports more touchscreens than any other platform. Changing drivers or calibrating screens is as simple as a few clicks.

NEW!



## Wearables

Support for wearables, such as the Microsoft HoloLens.



## MultiMonitor

Use up to 5 monitors from a single thin client. *Supported hardware required.*

NEW!



## Shadowing

Allow an administrator or a user to view and/or operate a terminal. Terminal-to-Terminal Shadowing allows a terminal to shadow another terminal without the ThinManager interface.



## Separate ActiveX Events

Reduce the need for scripting. Now ActiveX events can be raised separate from the EventCode.



## 4k Monitor

ThinManager supports high-resolution 3840x2160 4K monitors. *Supported hardware required.*



## Virtual Keyboard

Set a simple "hold time" event that allows operators to access the keyboard with the press of a finger.



## Session Tiling

View up to 25 sessions on a single monitor. Click any tile to launch a full screen working session.



## Virtual Screens

Split any screen into multiple sections (up to 16) with custom sizing.



## Session Scaling

Regardless of resolution, scale sessions up or down to fit a screen keeping the same aspect ratio or forcing it to fit.

# EXTEND Security



Unprecedented control and security in a sustainable and scalable platform.

ThinManager has been about security from day one. No data is ever stored on ThinManager-Ready thin clients, PXE-boot thin clients or on mobile devices using Relevance®. By default, USB drives will not be accessible on a ThinManager network of devices. All communication between clients and servers, including mobile device communication, is encrypted to ensure your automation network is only available to authorized users.

ThinManager's support for Active Directory makes it a snap to set up users and groups in ThinManager while allowing you to keep Windows passwords obfuscated from end users. ThinManager also supports a wide range of authentication devices like Smart cards, RFID cards, fingerprint scanners and more. And, just like all other supported devices, ThinManager's configuration wizards allow administrators to easily enable these devices without writing a single line of code.

ThinManager's support for IP and USB camera overlays into your existing applications brings visual confirmation to any screen. This expanded view gives users the added safety and security of visually confirming what their applications are telling them.

NEW!



## PIN Authentication

Users can set up and use a PIN instead of a password.

NEW!



## Password Caching

Administrators can configure a time period for password caching.



## Relevance for Users (formerly TermSecure)

Securely deliver content through user/role-based management.



## Active Directory

Synchronize your Active Directory to create ThinManager Relevance users.



## Biometric Security

Use a fingerprint scanner to authenticate users safely and securely. *Supported hardware required.*



## IP & USB Camera

Give administrators and users the added security and visualization of IP and USB cameras.



## AppLink

Allows terminal servers to be configured to deliver individual applications instead of desktops.



## Firewall Compatible TFTP

Make it easier to boot terminals in instances where there is a firewall between the terminals and their ThinServer.



## Authenticated Email

Send emails from the ThinManager system directly to your authenticated email systems.

# SMART Mobility



Deliver the right content to the right person in the right place with ThinManager Relevance®.

Ready or not, mobility on the plant floor has arrived. Whether you use mobile devices today or plan on implementing a mobility solution down the road, you need to seek a solution from a proven vendor. You also need a solution that is secure.

ThinManager's Relevance mobility solution is the only location-based mobility solution available. Not only can Relevance deliver content when and where you need it, it can also prevent delivery of content to unauthorized locations and users.

Mobile devices bring the promise of a more free-flowing workspace where staff can move around freely to manage the automation environments for which they are responsible. Relevance uses location resolvers like QR codes, Bluetooth beacons, WiFi and GPS to ensure that mobile users and devices only receive content in authorized areas. Relevance easily supports the ability to set up geofences that prevent your important information from ever being delivered outside of authorized locations.

## ThinManager Mobile Apps



iTMC  
DOWNLOAD ON  
THE APP STORE



Android TMC  
DOWNLOAD ON  
GOOGLE PLAY



WinTMC  
DOWNLOAD AT  
thinmanager.com



### Relevance for Mobility

Relevance provides the ability to deliver the right content to the right person at the right time and place with location-based mobility.



### Location Resolvers

Used in conjunction with Relevance, resolvers allow you to completely define your workspace as a location-based mobile facility. Currently, ThinManager uses the following technologies to resolve a location:



#### QR Codes

NEW!



#### Bluetooth & Cisco Beacon Point



#### GPS

NEW!



#### WiFi & Cisco HyperLocation

NEW!



#### Mobile Devices



### iTMC

Transform an Apple iPad into a full-blown thin client terminal with iTMC. Available as a free download on the App Store.



### Android TMC

Use an Android device as a full-blown thin client. Available as a free download on Google Play.



### WinTMC

Support for Windows devices running as thin clients with Windows 10 and newer.



### SMS Messaging

Important notifications can be sent directly to an employee's mobile device.

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# ThinManager Under the hood.

## MultiSession Core

ThinManager's MultiSession is the technology that makes ThinManager the "go-to" solution for access to applications and content from multiple sources.

## Brilliant SmartSession

Running as server management, SmartSession determines the best server for each client session. As resources are used, SmartSession decides where to assign terminals to keep the Remote Desktop Servers running at peak efficiency.

## Instant Failover

ThinManager also provides the added safety of instant server failover. Instant Failover runs sessions on a secondary server(s) to prevent downtime from server failure. If a server does go offline, ThinManager immediately switches all clients to the backup without interruption.

## Versatile Redundancy (2 Options)

**Mirrored Redundancy** synchronizes a pair of servers, one acting as a primary server while the other acts as a "view only" interface.

**Full Redundancy** uses a redundant pair of servers storing configurations on both with a fully accessible ThinManager GUI.

# Protect your investment.



## Platform Maintenance Program

The Platform Maintenance Program offered by ThinManager is a full-featured plan to ensure that your ThinManager system evolves with your facilities.

With Platform Maintenance, you will get:

- Free Version Upgrades
- Expert Phone Support
- Exclusive Discounts
- Upgrade Credit Eligibility
- Ownership/Location Transfers

Get the most from your investment and stay productive by always having the latest tools.



# Licensing your software.

If you are a small factory or a worldwide manufacturing facility, there is a software license custom built just for you.

Contact our sales team today for a quote!

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