

LISTEN.  
THINK.  
SOLVE.<sup>SM</sup>



## VERSASVIEW<sup>®</sup> INDUSTRIAL COMPUTERS & MONITORS

THE TECHNOLOGY YOU NEED,  
THE PLATFORM YOUR APPLICATION DEMANDS.



# VERSAVIEW

**THE TECHNOLOGY YOU NEED, THE PLATFORM YOUR APPLICATION DEMANDS.**

Face it. Without optimal performance from your industrial computer, your application could be at a standstill. But in a world where computer options seem endless, how do you make a choice? Turn to a market leader—Rockwell Automation.

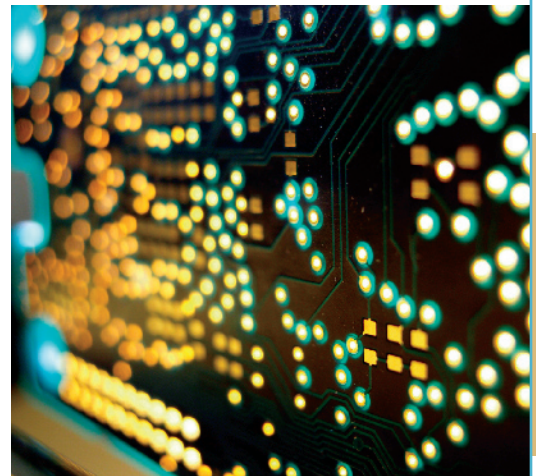
You can depend on Allen-Bradley® VersaView products – the open computer component of the Rockwell Automation® Integrated Architecture – to keep your operations up and running. Rugged VersaView industrial computers and monitors are built to withstand factory environments and powerful enough for your demanding applications.

## **But that's not all.**

We have expanded our offerings so you can choose the most cost-effective options, matched to your application and reliability requirements. Options that keep pace with the latest technology. Options that incorporate the features you need in the platform most suited to your application, from light industrial to heavy. Options backed by industry leading, global service and support.

## **Discover the new VersaView family.**

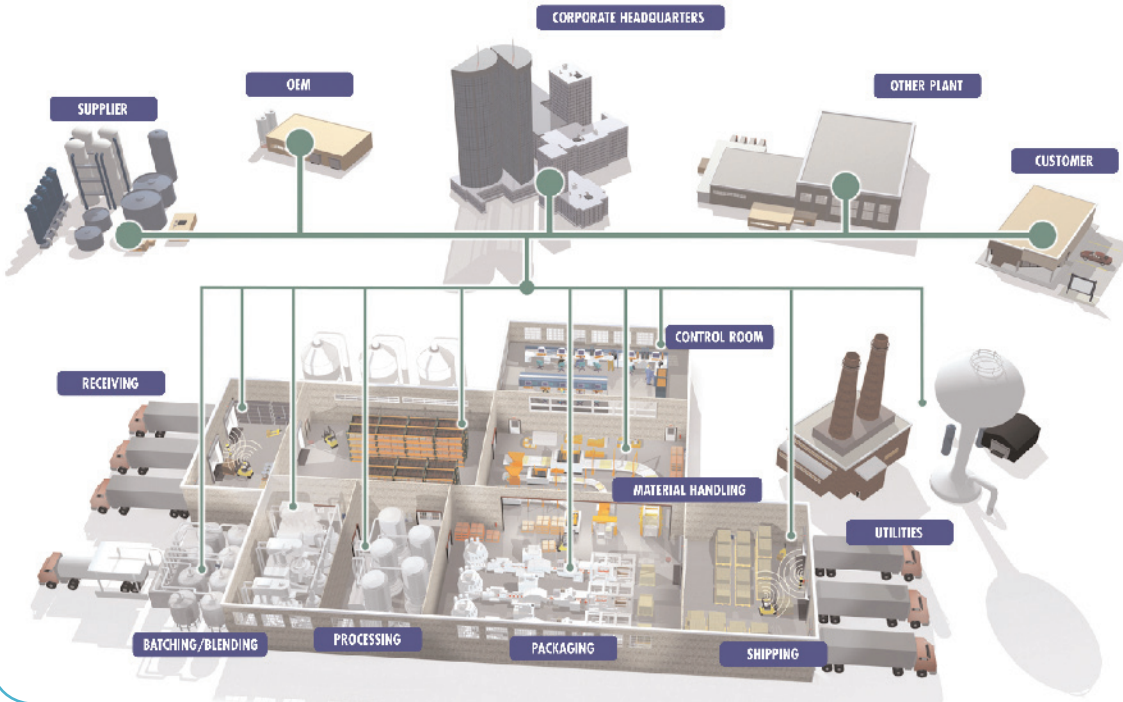
*The technology you need, the platform your application demands.*



Selecting the **right** industrial computer just got easier, thanks to our expanding **VersaView portfolio.**



# Rockwell Automation Integrated Architecture



VersaView industrial computers are a key element of the Rockwell Automation Integrated Architecture. Whether running a standalone machine level application or supplying information to the supervisory level, our VersaView line provides **dependable performance in demanding environments.**



Choose our new line of **light industrial computers and monitors** for applications that demand high performance – in environments with minimal temperature requirements, shock and vibration.

Our **heavy industrial computers** are now available with a solid-state drive for even greater reliability.



## Discover the VersaView advantage:

- Rugged, reliable platforms matched to your application requirements
- Broad product offering including non-display computers, panel mount computers, workstations and monitors
- Easy product selection and quick delivery
- Preferred platform for Rockwell Automation Integrated Architecture applications
- Extended product life cycles and managed product transitions
- Tools for image management and system diagnostics
- Global sales, service and support – including 24-hour immediate exchange



# PLATFORMS

## MATCHED TO TODAY'S MANUFACTURING DEMANDS.

The manufacturing landscape is transforming and our VersaView product line is changing with it. In the past, plant floors were dirty and harsh environments. That is no longer always the case. Today, plant floors range from ultra-clean to extremely punishing. And the latest advances in technology have put non-stop operation within reach of more applications than ever.

Now you can choose from among three VersaView platforms – light industrial and two heavy industrial tiers – to cost-effectively achieve the computer functionality your application demands. Whether it's continuous operation, flexible form factor, storage media technology or protecting a mission critical process, VersaView computers deliver.

### PLATFORMS

#### LIGHT INDUSTRIAL

Bulletin:  
6177R  
6176M

##### Choose light industrial computers and monitors for:

- Clean environments with minimal temperature requirements, shock and vibration
- Applications that demand advanced technology and high performance
- 24/7 continuous operation
- Reliability – qualified industrial performance
- Stable architecture – changes kept to a minimum during product's life cycle



#### HEAVY INDUSTRIAL – TIER 1

Bulletin:  
6181P  
6180W  
6155R  
6186M

##### Choose Tier 1 heavy industrial computers and monitors for:

- Environments with increased temperature requirements, shock and vibration
- 24/7 continuous operation
- Reliability – qualified heavy industrial performance
- Stable architecture – based on embedded roadmap technology



#### HEAVY INDUSTRIAL – TIER 2

Bulletin:  
6181F  
6155F  
6186M

##### Choose Tier 2 heavy industrial computers and monitors for:

- Best-in-class environmental ratings
- 24/7 continuous operation, independent of duty cycle
- Reliability – mission critical applications and hazardous locations
- Technology driven, competitive pricing
- Stable architecture – based on embedded roadmap technology



# CAPABILITIES

## BUILT TO EXACTING GLOBAL STANDARDS.

VersaView industrial computers and monitors are designed with your success in mind. Our flexible, application-centered approach means you can select the computer platform with the features most closely matched to the challenges you face every day.

Choose rugged features like 24/7 continuous operation hard disk drives and stainless steel bezels to withstand your harsh environments. To enhance the reliability of your demanding applications, choose a cost-effective RAID solution or a solid-state drive.

The options are clear-cut and designed to make your product selection easy. And no matter which platform you choose, all VersaView products are built to comply with a wide range of worldwide standards including: UL, C-UL, CE Mark, C-Tick and RoHS.\*

\*Products shipping after July 1, 2006 will be RoHS compliant.

## FEATURES

### LIGHT INDUSTRIAL

- Pentium 4 performance up to 3.0 GHz (800 MHz FSB)
- 24/7 continuous operation hard disk drive
- Storage capacity: 80 GB (SATA)
- PCI and PCI Express (x1) expansion capability
- RAID options
- Resistive touchscreen options (USB and RS232)

- Product offerings:
  - Non-display computers
  - Panel mount or vesa mount monitors

*Light industrial computers ship with two shock mounted, front accessible, hard disk drive bays. By loosening just two screws, an additional drive can be installed or a drive can be replaced.*



### HEAVY INDUSTRIAL – TIER 1

- Pentium 4 performance up to 2.0 GHz (400 MHz FSB)
- 24/7 continuous operation hard disk drive
- Storage capacity: 40-80 GB (IDE)
- PCI and ISA expansion capability
- Compact flash expansion slot on IDE bus
- Resistive and capacitive touchscreen options
- Stainless steel models available

- Product offerings:
  - Non-display computers and monitors
  - Workstations
  - Integrated display computers

*Heavy industrial products include workstations, integrated display computers, non-display computers and monitors.*



### HEAVY INDUSTRIAL – TIER 2

- Pentium 4 performance up to 2.0 GHz (400 MHz FSB)
- Solid-state drive technology
- 24/7 continuous operation for mission critical applications
- Storage capacity: 4 GB standard\* (IDE)
- PCI expansion capability
- Compact flash expansion slot on IDE bus
- Monitors certified Class 1, Div. 2 hazardous locations
- Resistive and capacitive touchscreen options

\*additional sizes pending

- Product offerings:
  - Non-display computers and monitors
  - Integrated display computers

*For your mission critical applications, you can rely on VersaView computers with **Solid-State Drives**.*



# SOLUTIONS

**TAILORED TO SPECIFIC APPLICATION REQUIREMENTS.**

You'll find innovative VersaView solutions in all types of environments - from life science laboratories to automotive plants. VersaView computer platforms are built to meet specific environmental characteristics - as well as typical application and reliability requirements. So you can create a solution with the right level of technology and ruggedness to achieve optimal performance.

## APPLICATION CHARACTERISTICS

### LIGHT INDUSTRIAL

#### Environmental Characteristics

- 40°C maximum temperature
- 0.5 g operational vibration
- 10 g operational shock

#### Typical applications include, but are not limited to:

- Semiconductor and test and measurement environments
- Control room and server applications
- Applications where computer performance is critical



**Bulletin:**  
6177R  
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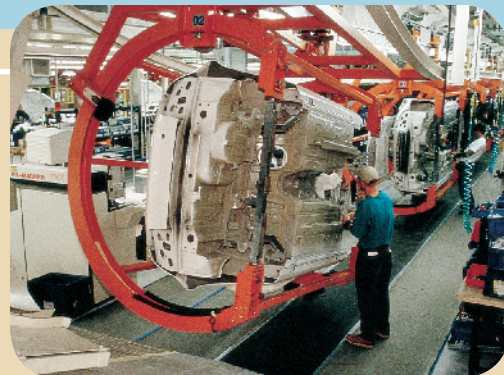
### HEAVY INDUSTRIAL – TIER 1

#### Environmental Characteristics

- 50°C maximum temperature
- 1.0 g operational vibration
- 15 g operational shock

#### Typical applications include, but are not limited to:

- Food processing, packaging and automotive environments
- On-machine HMI, data collection and programmable device support
- Applications where shop floor ruggedness and compact form factors are essential



**Bulletin:**  
6181P  
6180W  
6155R  
6186M

### HEAVY INDUSTRIAL – TIER 2

#### Environmental Characteristics

- 50°C maximum temperature
- 1.5 g operational vibration
- 15 g operational shock

#### Typical applications include, but are not limited to:

- All heavy industrial environments
- Network data logging
- Mission critical process and machine control applications



**Bulletin:**  
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6186M

# RELIABILITY

**ACHIEVING THE DEPENDABILITY  
YOUR APPLICATION REQUIRES.**

## BUILT FOR QUALITY

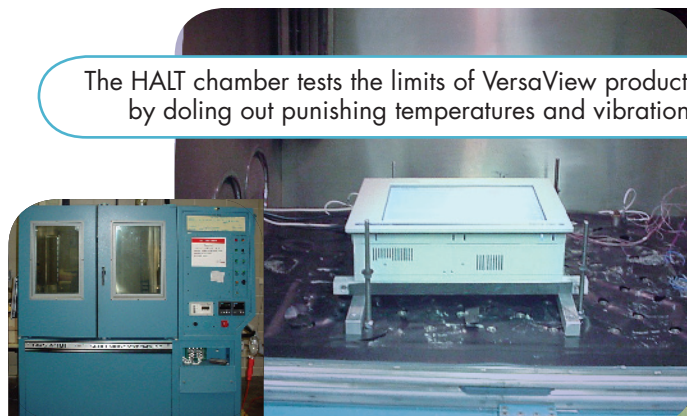
Your application is only as reliable as the computer that runs it. And when you choose VersaView industrial computers, you are assured the quality and reliability you have come to expect from Allen-Bradley products.

Our advanced manufacturing processes and stringent quality testing are designed to assure that each VersaView industrial computer delivers the dependability your application demands.

In our in-house product performance test labs, VersaView products are subjected to a Highly Accelerated Life Test (HALT), which uses simultaneous vibration and temperature stimulus to test the products' limits. The data obtained through this and other tests guides our continuous improvement activities – and helps ensure that we develop the most robust computer offering possible.



The HALT chamber tests the limits of VersaView products by doling out punishing temperatures and vibration.



**Diagnostic and monitoring tools** Each VersaView computer ships with **Support and Accessory CDs** – tools designed to help you quickly correct problems or detect abnormalities before difficulties occur.



## APPLICATION-DRIVEN PREVENTATIVE MAINTENANCE

Our VersaView computers leave the factory floor ready for reliable performance. As a VersaView user, you help ensure optimum operation through proper installation and regular preventative maintenance. Our Installation and Troubleshooting Guide, available on our website, can answer most of your questions. And our technical support team can help you determine the timing of your maintenance activities based on your application's duty cycle, and exposure to shock and vibration.

## Support CD



The Support CD includes answers to common questions, system performance guidelines and product service advisories, plus:

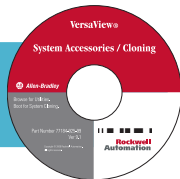
### Virtual Pc-Check®

- Scripted test program designed to detect faulty hardware
- Boots directly from the CD
- Runs a full range of tests and displays the results
- Custom versions can be designed for your specific problems

### SpeedFan Software

- Monitors CPU, case and hard drive temperatures, fan speeds, voltages and hard drive SMART data
- Logs and graphs data
- Displays current CPU usage
- Sends warnings if values are outside recommended range

## Accessory CD



The Accessory CD includes a cloning utility, which allows you to copy an exact image of your hard drive and store that image in the recovery partition of your drive or on an external device. If your system becomes unstable or corrupt, you can restore the hard drive from the back-up image.



## RESPONSIVENESS THROUGHOUT YOUR PRODUCT'S LIFE CYCLE

You need quick delivery and timely support to keep pace with today's global market. When you choose VersaView products, you won't be disappointed. In most cases, you can expect:

- **Product delivery within two or three days.**
- **Immediate exchange**— If your computer or monitor fails, simply contact your Allen-Bradley distributor for a replacement within twenty-four hours.
- **Fast turnaround on repairs** – Typically less than one week plus shipping.

And you can rely on our global service organization to help you resolve any technical issues you may encounter. Our support group offers a suite of services designed to ensure you derive the maximum benefit from your automation solution including:

- **Real-time Phone Support** – Five technical support centers around the world ensure real-time support. 94% of callers are connected to a support specialist within 50 seconds and most have their question answered on the initial contact.
- **Web Services** – View a variety of technical support tools including manuals and product updates online. Or submit a request for support at our services site and receive an e-mail response.
- **On-site Services**— On-site technical assistance is only a call away. Our team can provide the on-site expertise you need for new project start-ups or initiatives that require supplemental resources.

Access the VersaView Installation and Troubleshooting Guide at:  
[www.ab.com/VersaView](http://www.ab.com/VersaView)



**A CRITICAL COMPONENT OF OUR VISUALIZATION STRATEGY...**

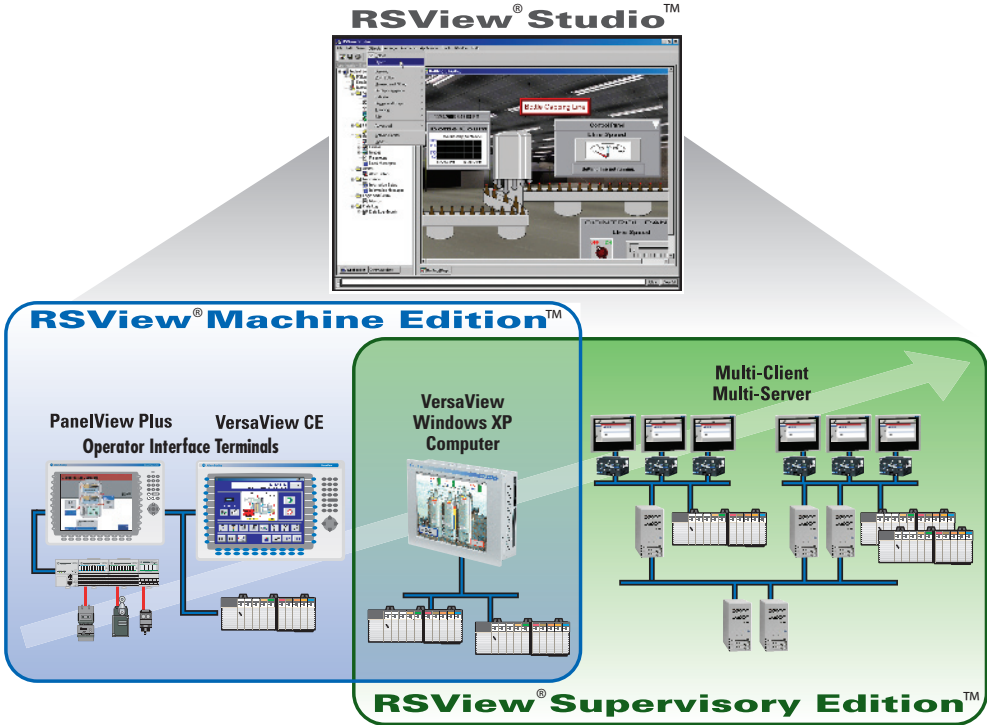
Our VersaView portfolio is a cornerstone of the Rockwell Automation visualization strategy – a strategy designed to provide you with the right information in the right place at the right time.

From shop floor to top floor, our visualization platforms feature interoperability and a common development environment for all interface products. The result? A scalable and unified suite of monitoring and control solutions.

Rockwell Automation visualization solutions combine dedicated and open hardware platforms – including VersaView industrial computers – with RSVIEW® Enterprise Series software for machine level and supervisory level HMI.

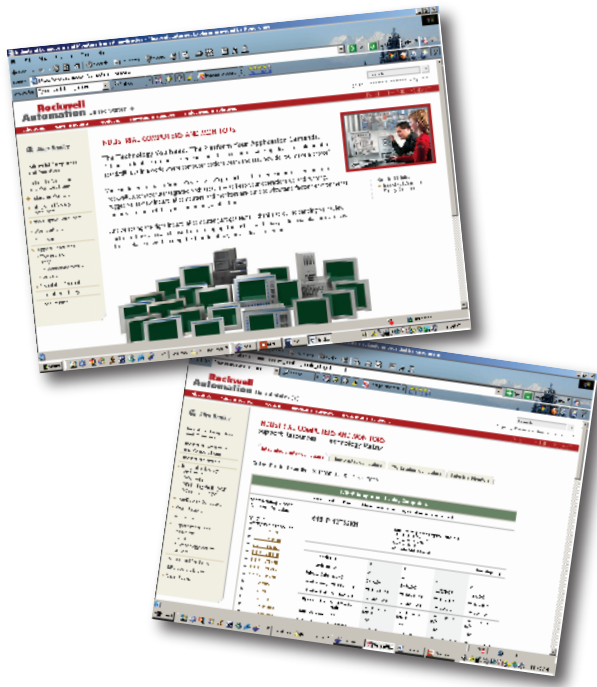
Simply put, VersaView computers are built to complement Rockwell Software solutions.

When you choose a complete Rockwell Automation solution – hardware and software – you can expect complete application support by an industry leader.



*Rockwell Automation Visualization Solutions combine dedicated and open hardware platforms with RSVIEW Enterprise Series software for machine level and supervisory level HMI.*





## VISIT THE VERSAVIEW WEBSITE: [www.ab.com/VersaView](http://www.ab.com/VersaView)

The VersaView website is your source for current, valuable information including:

**Drivers:** current and past computer and monitor drivers.

**Technology Matrix:** detailed computer technology and release information.

**FAQs:** Frequently Asked Questions.

**Product Information:** complete computer and monitor platform descriptions and catalog numbers.

**Product Specifications:** detailed product specifications (components, electrical, environmental, mechanical, etc.).

**Product Accessories:** descriptions and catalog numbers.

## SUPPORT RESOURCES:

For set-up or technical assistance, contact Rockwell Automation Technical Support at: 1-440-646-5800

For general customer support, contact your local Allen-Bradley distributor or Rockwell Automation representative.

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Virtual Pc-Check is a registered trademark of Eurosoft.

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

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