![METASYS®]

5 Reasons to Modernize Metasys

Avoid the risks of aging system components—and help enhance cyber security, productivity and building performance


Think just how much technology has changed since the 1990 launch of the Metasys building automation system. With the phase-out of aging components, and more pressure than ever to get measurable results, you can't afford an out-of-date BAS. Here are five reasons to start now on your Metasys upgrade path—helping you increase operating and energy efficiency, protect building systems and quantify return on investment.

1. Help reduce cyber security risk, protecting people and assets

Software and hardware upgrades can help you prevent unauthorized access, meet IT standards and stop depending on security patches. In fact, updating and upgrading software immediately is #1 on the U.S. National Security Agency's top 10 cybersecurity mitigation strategies[1]. The latest Metasys release uses secure, encrypted communication and cyber security best practices like password and account management. Key features include:

· The award-winning Cyber Health Dashboard, highlighting potential security concerns.

· FIPS 140-2 Level 1 certification/compliance for Metasys network engines and server software.

· Linux operating system in latest network engines, with secure boot to help prevent malicious software from downloading at startup.
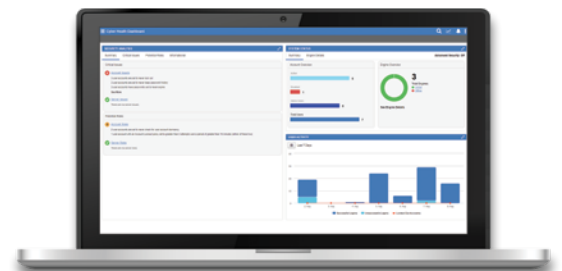
See a demo on the easy-to-use Cyber Health Dashboard at http://on.jci.com/metasyscyberdashboard

2. Do more with less—less time, less money, less staff

The world-class Metasys user interface lets your team spend less time navigating and more time taking action. Intuitive navigation by building space, with photo-realistic graphics, cuts the learning curve and enables users to zero in quickly on areas of concern. Features like Alarm Manager, Show Involvement, and the built-in graphics manager speed prioritization, troubleshooting and response. It's all accessible from anywhere, on any device—no apps or software downloads required.

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## 3. Boost building performance with next-generation hardware

The latest Metasys network engines and equipment controllers reduce installation costs and enhance building performance.

· The growing family of Metasys network engines offers sleek, compact design, including models with onboard interfaces, for easy installation, high-capacity memory and faster processing.

· New equipment controllers create a flexible N2-to-BACnet MS/TP migration path and feature updated protocol standardization and system interoperability.

· Metasys MRP ring-enabled IP controller solution delivers resiliency cost-effectively.

Powerful, next-generation hardware

4. Amplify troubleshooting with fault detection and triage

Metasys Fault Detection requires minimal configuration and automatically categorizes faults, giving your team a daily punch list. Fault Triage shows details, possible causes and recommended actions—enabling both experienced and inexperienced staff to find and fix issues fast. Improve reporting and keep occupants satisfied.
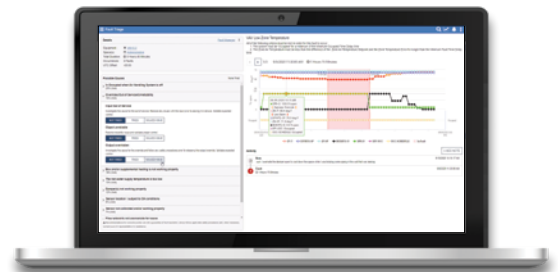
See a demo on Fault Detection & Fault Triage Feature Suite at https://www.youtube.com/watch?v=pYIgI1bxXcU

5. Get a bigger return on your BAS investment

An older BAS can cause inefficiencies for both operators and equipment, increasing costs over time. It may be incompatible with new technologies, making integration with new components difficult or costly. Out-of-date systems can also be targets for security breaches, leaving organizations open to potentially significant financial loss. Upgrading your system gives you greater flexibility and control, with increased potential savings.

Upgrade affordably to the latest Metasys release

Bring your system up to date, easily and affordably, with a Metasys upgrade path tailored to your facility. Gain built-in features to help enhance cyber security, efficiency and productivity. Talk to our Metasys experts today about modernizing your BAS.

[1] https://media.defense.gov/2019/Jul/16/2002158046/-1/-1/0/NSA Info Sheet: Top 10 Mitigation Strategies (March 2018; posted August 2019)

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