Your Legacy Workstation Failed. Now What?

"Generally, systems become obsolete before they become unreliable. Obsolescence only adds another factor to the overall risk assessment."

Barry Young, Automation Research Corporation (ARC) Advisory Group, 2012

Upgrading your aging process automation system and its computers may not be budgeted or scheduled until far into the future. In the meantime, you need functional and system-compatible computers to sustain your older system version. In today's fast-paced environment of operating system and computer evolution, your options are limited, or do not exist, when it comes to repairing or replacing a failed workstation or server running older operating system versions. Will you be able to quickly find a compatible computer replacement you can confidently integrate into your aging automation system? Are you willing to take your chances on what you can find on the grey market? Computer obsolescence presents a worrisome risk to your overall plant operations. In the worst case, a failed critical workstation can blind your operators from optimally or safely running the process and force an unplanned shutdown.

What if...

- You could get additional low risk years of performance from your aging automation system before implementing an upgrade?

- You had a reliable supply of replacement workstations and servers on hand running on your system's current operating system?

- You could make those minor system expansions now, without waiting months or years for the big-budget system modernization project?

COSTLY COMPUTER OBSOLESENCE

Technology is changing quickly, and you can't afford to upgrade every time a new operating system is released. But delaying system or computer upgrades can lead to an inability to acquire a version-compatible computer. And that version-compatible computer unavailability can lead to lost productivity and revenue.

PC Failure Rate vs Useful Life

SYSTEM MODERNIZATION ON HOLD

Computer upgrades are often tied to overall process control system modernization or upgrade plans. But if those plans are delayed or put on hold, so do the computer upgrade plans. Regardless of those plans, your legacy computers must be maintained to keep your process automation system running.

LOST PRODUCTIVITY

Losing one or more computers with the inability to replace or repair them can lead to a loss in operational productivity. That lost productivity can mean lost revenue.
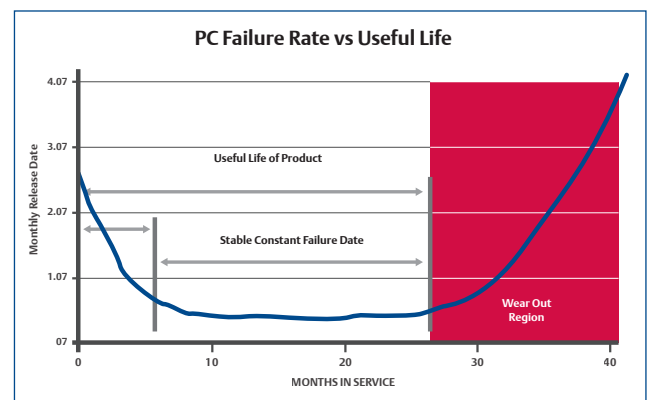
EMERSON

FACTORY-CERTIFIED COMPUTER REPLACEMENT

Emerson's Extended Computer Availability service for DeltaV™ systems ensures factory-certified rebuilt workstation and server computers are available when you need them. Machines come with tested and approved BIOS, hard drives, network interface cards, device driver versions, appropriate switch settings and card slot assignments. New components replace high-wear and failure-prone components like hard drives, power supplies and cooling fans. Configuration is tightly controlled to Emerson operating system standards, rather than to a generic commercial configuration. Emerson certifies their compatibility with your standard Windows XP, Windows 7, Server 2003 or Server 2008 based system software applications

EXTENDED SYSTEM AVAILABILITY

With the Extended Computer Availability service, you can confidently extend the life of your current system until you can upgrade to the DeltaV system's latest version. The service is designed to meet your spares, replacements and minor system expansions needs.

AVAILABILITY MEANS PRODUCTIVITY

Extended Computer Availability reduces your plant operations risk, while maximizing the overall return on your system investment. If one of your legacy computers breaks down, your ability to confidently replace that computer through this service can minimize productivity loss.

"The most important thing is that we have a system that is fully supported by Emerson. It saves us a lot of headache in solving issues. Having that is very beneficial."

Processing Manager Food and Kindred Products

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