

# Verosol

*Minimal-Invasive Upgrades, Circularity in Action & Future-Ready Automation*



**From the Desk of Neil Krotzsch | Head of Automation & Day 2 Services**

Dear valued DAY2 Ambassador,

October has arrived, bringing longer days to many parts of Australia as daylight saving returns. While the debate around changing clocks will undoubtedly continue, it raises an interesting question about adaptation.

Throughout history, people, businesses and buildings have continually adjusted to changing environments. The most successful adaptations are rarely the most disruptive. Instead, they are thoughtful, measured and designed to work with existing conditions rather than against them.

**This principle sits at the heart of the DAY2 philosophy.**

In last month's edition, we explored the principles of Circular Economy and discussed how building owners and facility managers can apply circular thinking to asset renewal strategies. We examined why extending asset life, reducing waste and extracting greater value from existing infrastructure are becoming increasingly important in the built environment.

This month, we take the conversation one step further.

The question is no longer *why* we should upgrade buildings differently.

The question is *how*.

**Minimal-Invasive Upgrades:**

**Turning Circular Principles into Practical Outcomes**

One of the most common concerns facility managers face when considering automation upgrades is disruption.

Will tenants be affected?

Will systems need to be shut down?

Will ceilings need to be opened?

Will the upgrade require significant capital expenditure and operational interruption?

Traditionally, the answer has often been yes.

At DAY2 Services, we challenge this assumption through a strategy we call **Minimal-Invasive Upgrades**.

Rather than treating building upgrades as major replacement projects, we view them as carefully staged transitions. The objective is simple:

**Modernise the building while keeping it operating.**

This approach creates a practical bridge between circularity, operational resilience and tenant wellbeing.

**Working with Natural Building Cycles**

Many commercial buildings undergo constant change.

Tenants relocate. Floors are refurbished. Services are adjusted. Fit-outs are completed.

These moments create natural access opportunities.

Rather than forcing disruptive upgrade programs, DAY2 aligns infrastructure improvements with these existing building activities.

By coordinating upgrades during scheduled tenant works or refurbishment periods, new communications infrastructure and controls can be installed with minimal interruption to daily operations.

The outcome is straightforward:

- Reduced disruption
- Lower project costs
- Faster deployment
- Improved tenant experience

### **Building the Foundations for the Future**

One of the most effective steps during these access windows is the installation of secondary communications infrastructure.

This can often be completed in as little as one to two days per floor, creating a future-ready backbone that supports:

- Modern controllers
- Advanced sensors
- Improved automation logic
- Cloud-connected services
- Analytics and performance monitoring

While relatively simple, this foundational step enables future upgrades to occur far more efficiently and with significantly less disruption.

### **Reuse Before Replace**

Circularity is not simply about recycling.

It begins with recognising the value that already exists within a building.

Where practical, DAY2 repurposes existing cabling and infrastructure rather than removing and replacing functioning assets. By selecting manufacturer-independent, future-ready control platforms that can work with existing systems, buildings can often retain significant portions of their installed infrastructure.

The benefits are substantial:

- Reduced embodied carbon
- Lower installation costs
- Less construction waste
- Faster project delivery

Most importantly, it allows facility managers to unlock greater value from previous investments.

### **Parallel Operation:**

#### **Keeping Buildings Running While They Evolve**

One of the most powerful concepts behind minimal-invasive upgrades is parallel operation.

Instead of removing an existing system before a replacement is commissioned, legacy and new platforms operate together during the transition period.

For occupants, the building continues to function normally.

For facility managers, control is maintained throughout the upgrade journey.

DAY2 Services utilises open-platform technologies, including Tridium Niagara, enabling multiple communication protocols and generations of technology to coexist within a single environment.

This creates a unified operational dashboard while progressively transitioning buildings toward modern automation architecture.

The result is:

- No operational downtime
- No impact on occupant comfort
- Reduced project risk
- Greater confidence throughout the upgrade process

### **Improving Performance Before Replacing Hardware**

Another common misconception is that performance improvements can only occur after new hardware is installed.

In reality, significant gains can often be achieved beforehand.

Modern automation strategies can introduce:

- Smarter control algorithms
- Improved daylight management
- Enhanced comfort strategies
- Better energy optimisation
- More responsive building performance

This allows owners and facility managers to begin realising value well before physical replacement programs commence.

In many cases, the building becomes smarter before any visible upgrade takes place.

### Supporting Circularity Through Practical Action

Minimal-invasive upgrades embody the same circular principles we discussed in September.

They prioritise:

- Reuse over replacement
- Asset optimisation over disposal
- Embodied carbon preservation
- Waste reduction
- Extended asset lifecycles

Importantly, they align with the growing industry focus on resource efficiency, resilience and sustainable building management.

Circularity does not need to be disruptive.

Often, the most sustainable outcome is simply making better use of what already exists.

### The Outcome

When implemented effectively, minimal-invasive upgrades deliver measurable operational benefits:

- ✓ Lower capital expenditure
- ✓ Reduced project risk
- ✓ Minimal tenant disruption
- ✓ Faster upgrade timelines
- ✓ Lower landfill contribution
- ✓ Extended asset life
- ✓ Future-ready automation platforms
- ✓ Greater alignment with sustainability objectives

**In simple terms, it is about upgrading intelligently, intervening only where necessary, and allowing buildings to evolve without sacrificing operational performance.**

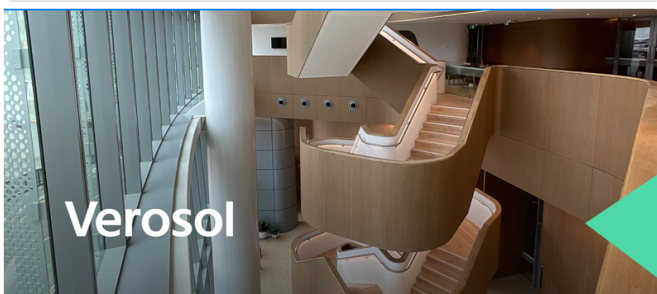
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### Looking Ahead to November

This month's discussion focused on the physical and operational strategies that make modernisation possible.

In our November edition, we'll explore the technology that powers these outcomes, including **Dynamic Control Logic** and the role of **Future-Ready Open Platforms**, including **Vero DASH powered by Tridium Niagara**.

We'll examine how intelligent controls are helping facility managers gain deeper visibility, improve decision-making and unlock new opportunities for performance optimisation.



### Join the Conversation: Circularity in Action

As a valued member of the DAY2 community, I'd also like to extend a personal invitation to join us for a live industry discussion on **Thursday, 22 October 2026, 1:00 pm - 2:00 pm AEDT**.

The discussion will cover practical strategies for extending asset life, reducing waste, modernising building systems and improving long-term building performance, while maintaining operational continuity.

Whether you're responsible for facilities management, asset performance, sustainability initiatives or building operations, the session will provide practical insights and real-world examples that can be applied immediately.

Reserve your place here:

👉 [Register for the Live Industry Panel Discussion](#)

We would be delighted to have you join us and contribute to the conversation.

Until next month,

Warm regards

Warm regards,

**Neil Krotzsch**  
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*"Helping buildings evolve through intelligent upgrades, circular thinking and future-ready automation."*

Download the Day 2 Whitepaper

Day 2 Whitepaper

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