

# Verosol

Future-Proofing Starts Here | DAY2 Live Projects Part 1



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

Dear valued DAY2 Ambassador,

I hope the past few weeks have been energising since our light-weight introduction to automation. As we approach the mid-year mark, it's a timely reminder of how quickly expectations shift - and how essential it is for our buildings to keep pace.

This month, we're taking you onsite.

Welcome to **Live Projects: Part 1** - a real-world look at an active upgrade pathway currently underway. In June, **Part 2** will take you deeper into the technical layers, site challenges, and solution pathways that bring these projects to life.

## Setting the Scene

Imagine you're a tenant in a modern office building - eight to ten years old, well-located, and designed for productivity. Your expectations are simple: comfort, control, and a workspace that works with you. But the reality often includes glare issues, inconsistent performance, and a control experience that feels outdated.

Now, shift seats.

As the Facility Manager, your daily headline is **pressure** - tenant complaints, operational instability, and the looming threat of escalation. You know unresolved issues can quickly translate into financial consequences.

Finally, step into the shoes of the Property Owner. Your headline becomes **Budget vs. Risk** - balancing limited capital, time constraints, and the need to protect asset value while supporting your FM team.

This is the lived reality of many commercial buildings today.

## Introducing the Live Project

The asset we're spotlighting this month is a 12-year-old building with:

- An outdated blind control system running on a proprietary protocol
- Wireless communication operating on congested 2.4 GHz channels
- 16 floors, approximately 530 motors and 1,200 blind sections
- A discontinued server application that is no longer serviceable
- Controllers regularly dropping offline
- A tenant portal accessible only via browser
- Daily complaints and rising operational pressure

A classic example of an ageing system under limited maintenance budgets - and a perfect

candidate for a staged, circular, future-proof upgrade.

## How We Engaged

We began by breaking the project into **work packages**, ranking each by:

- Budget impact
- Tenant experience uplift
- Operational risk reduction
- Reusability of existing infrastructure (circularity principles)

It quickly became clear that the **server** - the heart of the control ecosystem - was the most fragile and highest-risk component. The local wireless network followed closely behind.

## Our Immediate Intervention

To stabilise the system and deliver instant value, we replaced the legacy server with a **Tridium Niagara Supervisor**. This single step unlocked several major benefits:

1. Quick turnaround
2. Future-proof architecture - communicating with both the legacy system and any future upgraded controllers
3. Open, flexible, manufacturer-independent platform
4. Minimal upfront investment
5. Immediate improvement to the tenant experience via a modern, intuitive control dashboard

At the same time, we monitored tenant fit-outs and used these windows to install **new local control backbone cabling** at very low cost - creating a resilient pathway for future controller upgrades.

Once the new server is in place, it communicates seamlessly with the existing system while enabling staged migration to a new local control network. This is the essence of DAY2 thinking: **upgrade pathways, not upgrade events**.

## Key Outcomes

- Significantly reduced upfront expenditure
- Minimal operational disruption
- Instant uplift in tenant experience
- Modular, OPEX-friendly controller upgrades
- Future-proof, sustainable architecture
- A practical demonstration of circularity in action

If you recognise elements of your own asset portfolio in this scenario, we'd be delighted to run a workshop with you and your asset team to explore tailored upgrade pathways.

Start the conversation here: [Book a DAY2 Workshop](#)

## Coming in June - Live Projects: Part 2

Next month, we'll dive deeper into the **technical mechanics** behind this approach, including:

- Scalable, minimally invasive controller technologies
- Manufacturer-independent upgrade pathways
- Wireless vs. wired strategies
- Circularity-driven design decisions
- Real-world site challenges and how we solved them

Part 2 will give you a clearer view of the "how" behind the "why".

Until then....

Warm regards,

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