

# Verosol

DAY2 Ambassador Newsletter – February 2026 Edition



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

Dear Subscriber and Day 2 Ambassador,

## A New Year of Innovation, Insight, and Partnership

Welcome to 2026. We hope the break gave you a moment to reset, recharge, and - if you were on site during the quiet period - check in on your buildings while the tenants were away. If you stumbled across any surprises, hopefully none involved your blind systems. But if they did, you know we're only ever a call away.

This year, we're doubling down on smarter buildings, smoother operations, and stronger partnerships. Let's make 2026 the year of proactive performance, not reactive fixes.

## What's Ahead in the Coming Months

- Modern motorisation options for blind systems
- Sustainable upgrade pathways for existing buildings
- Demystifying automation and its role in intelligent environments
- Real-world case studies to spark ideas for your next project

And we're kicking off with a foundational topic: **Digital Motors for Roller Blinds and Window Furnishings**.

## Motorisation Basics: Where We've Come From

For many years, the industry standard has been the hardwired motor with mechanical limits - often referred to as a "dumb" motor.

### Hardwired Mechanical Motors

- **Pros:** Cost-effective, widely used
- **Cons:** No smart features, no parallel wiring, requires a basic controller for activation and group control

### Radio Motors

These require only a power outlet and use proprietary radio protocols for control via remotes or wall switches.

### Shared Limitations

- One-way communication (no position or status feedback)
- No remote limit setting - especially challenging for high or inaccessible locations

### The Future Is Digital: Introducing SMI Technology

SMI motors represent the next generation of blind automation - precise, intelligent, and built for modern building management.

### Key Advantages of SMI Motors

1. Encoder-based position reference
2. Onboard motor management with fault feedback
3. Integrated sensors for real-time control
4. Power and data delivered through a single five-core cable
5. Remote limit setting and pre-commissioning
6. Individual motor addressing for granular control

SMI motors are the backbone of **eSMART** installations and unlock true predictive maintenance. With real-time feedback and usage data, maintenance becomes proactive rather than reactive - reducing downtime, improving asset performance, and lowering operational costs.

### Hardwired or Wireless? Real-World Applications at a Glance

SMI motors can be deployed in two practical ways, depending on the building and the scope of works:

- **Hardwired (eSMART)** – the preferred choice for new builds and major refurbishments where structured cabling can be incorporated from the start
- **Wireless SMI** – ideal for minimal-invasive upgrades and occupied-building refurbishments (*with full details coming in our March edition*)

These examples highlight how flexible SMI technology can be across different project types.

**In March**, we'll unpack the wireless pathway in depth - covering upgrade strategies, sustainability benefits, and real-world project outcomes.

### Wireless SMI Highlights

- Operates on 915 MHz - clean, interference-free spectrum for commercial environments
- Bi-directional mesh network for robust communication across floors
- Supports remote limit setting, pre-commissioning, and visual programming tools across laptop, tablet, or mobile

Whether wired or wireless, the result is the same: smarter, more responsive, more maintainable blind systems.

### Why This Matters for Your Buildings

Pairing eSMART wiring with SMI motors creates a future-ready platform that:

- Reduces carbon footprint
- Enhances building intelligence
- Improves operational efficiency
- Supports long-term asset value

It's a small shift in specification with a big impact on lifecycle performance.

## Coming Up Next - March Edition Preview

### Sustainable Building Upgrades: Transforming Existing Spaces Without Major Disruption

We'll dive into:

- In-situ upgrade strategies
- Real-world examples from recent projects
- How digital SMI motors and smart controls streamline refurbishments
- Ways to make upgrades greener, faster, and more cost-effective

Until next month, stay connected - and as always, we're here to support your Day 2 needs.

Warm regards,

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Verosol Day 2 Services | FEBRUARY EDITION | 02 FEBRUARY 2026