



Full Box Build Assembly for a Building Management Systems Provider

Delivering scalable manufacturing solutions for
a leading UK BMS provider.



Industry Background

Building Management Systems & Industrial Controls

Our client operates within the UK's Building Management Systems sector, delivering sophisticated control solutions that manage and optimise building operations including electrical installation, energy management and smart buildings.

As a leading provider in this space, they maintain rigorous quality standards and technical expertise across all their control panel manufacturing and assembly operations.



The Challenge: Scaling Beyond Internal Capacity



Production

Existing in-house manufacturing capabilities were fully utilised, with no capacity to take on additional high-volume.



Strict Monthly Targets

The project demanded consistent, reliable monthly output over an extended 10-month period with no tolerance for delays or quality variations.



Maintaining Standards

Any external partner needed to match the client's internal quality benchmarks and integrate seamlessly with their existing production schedule.

The client possessed the technical expertise and equipment to build control units internally, but a specific high-volume project created a surge in demand that exceeded their available resources. They required a trusted manufacturing partner capable of delivering scalable output without compromising on quality or reliability.

Our Approach: Modular Box Build Assembly

We delivered a comprehensive full box build assembly service, carefully structured to maximise efficiency and quality control. The customer supplied hardware for each batch on a monthly basis, whilst Cablepoint provided all wiring, connectivity and assembly resources.

01

Wiring Subassembly

Produced and fully tested in advance, creating a reliable foundation for each unit.

02

Hardware Build

Assembled as a parallel process to optimise production flow and timing.

03

Final Assembly

Integration of both subassemblies into complete, tested units ready for deployment.

This modular methodology provided greater control over the production process, improved overall efficiency and ensured a smooth, repeatable workflow. Every single unit underwent **100% inspection** before being carefully palletised for shipment to the client.

Project Timeline & Execution

01

Initial Engagement

Client approached Cablepoint through existing relationship with specific high-volume manufacturing requirement.

02

Planning & Setup

Approximately 2-3 months from initial discussion to first production run, including process design and quality protocols.

03

Production Programme

10-month continuous manufacturing period with fixed monthly quantities and consistent delivery schedule.

04

Project Completion

Successful delivery of all units with zero defects and strengthened partnership foundation.

The entire engagement from initial contact to project completion spanned approximately 12-13 months, demonstrating Cablepoint's ability to rapidly scale production capabilities whilst maintaining exceptional quality standards throughout the entire manufacturing process.

Delivered Results

10

Months

Continuous production period

100%

On-Time

Monthly delivery performance

We achieved outstanding results through reliable monthly production and consistent on-time delivery.



Client Testimonial

From our point of view, this has been a very successful project and I am keen to explore future works when something suitable comes up.

Thanks to everyone at Cablepoint for their quality work and attention to detail – it is much appreciated.

– Operations Director, UK Building Management Systems Provider

Key Success Factors

Scalable Production Capacity

Demonstrated ability to absorb high-volume BMS manufacturing requirements without compromising quality or delivery timelines.

Modular Process Efficiency

Innovative subassembly approach improved production flow, enhanced quality control touchpoints, and created a repeatable, reliable manufacturing method for complex control systems.

Consistent Communication

Regular collaboration and alignment with client's in-house schedule ensured seamless integration, proactive problem-solving and maintained strong working relationships throughout.

Quality Assurance

100% inspection protocol on every unit delivered zero-defect performance across all batches, demonstrating Cablepoint's commitment to matching and exceeding quality standards.

Why Cablepoint for BMS Manufacturing?

Your Trusted Partner for **Complex Control Systems**

Cablepoint specialises in complete box build assembly solutions for BMS providers and industrial control manufacturers across the UK.

Using a modular production process, strict quality standards, and flexible capacity, Cablepoint supports you when your in-house manufacturing team needs extra resources for high-volume projects:

- Full box build assembly from component to finished unit
- Scalable production to match demand fluctuations
- 100% inspection and testing on all assemblies
- Seamless integration with client processes and schedules
- Proven track record in BMS and industrial controls sectors

Ready to Discuss Your Requirements?

Whether you're facing a capacity challenge, planning a high-volume project, or seeking a reliable manufacturing partner for your Building Management Systems project, Cablepoint delivers quality, service and solutions you can depend on.

Our team is ready to discuss how we can support your specific manufacturing needs with the same attention to detail and commitment to excellence that made this project a success.

[Visit our Website](#)

[Call Us: 01482 837400](#)

Cablepoint – Quality is our Assurance