



BARRATT
DEVELOPMENTS PLC

COMPREHENSIVE SYSTEM AUTOMATION DELIVERS BETTER VISIBILITY & ENHANCED CONNECTIVITY

**UK'S LARGEST HOUSEBUILDER
SELECTS KEDRONUK &
STABLENET® BY INFOSIM.**

"The implementation of StableNet® has provided another level of monitoring ...and allows us to proactively identify and manage network problems on over 700 nodes on our network."

GARETH BRAITHWAITE, GROUP IT DIRECTOR

THE CHALLENGE

Due to the nature of its business, Barratt Homes has an ever-changing network environment. New sites are often 'off-grid' as they are transformed from empty fields to housing estates, presenting some unique challenges from a communications network perspective.

In the majority of cases, an initial 3G/4G mobile link is installed via a service provider partnership, connecting new sites back to the corporate network via a VPN solution. Following this, telecommunications are laid to the site enabling an ADSL router to be connected, with the mobile link used as a secondary back-up.

Once locations have matured as site offices they then evolve into sales offices requiring VPN connection back to the data center. A second router is installed for this purpose. The initial router is taken out once all

building work is complete, with the sales router being removed once all sales are complete.

With over 800 active sites, WAN monitoring to understand the current deployment configuration state and network availability across these locations is a key priority for holding company BDW Trading. It was previously managed using a manually-maintained CMDB for this purpose.

The CMDB was relied upon as a 'source of truth' for the IT team when investigating issues. However, due to its manual nature, it was simply not dynamic enough to keep up with the real-time network configuration, often resulting in a far longer MTTR due to the fact that engineers did not have the latest and most accurate information at their fingertips.

SAVED MANY HOURS

"We now have granular level visibility of the configuration of our equipment. The final solution has provided a valuable tool, saving many hours of fault-finding each day, enabling us to intervene and resolve matters quickly across the network estate."

GARETH BRAITHWAITE,
GROUP IT DIRECTOR
BARRATT DEVELOPMENTS PLC

MONITORING & REPORTING

"We use StableNet® as both a monitoring tool and a reporting tool to provide status reports for our Marketing Suites and Construction Site offices. We also set up the system to take data feeds from our back office systems to enable us to provide combined management reporting, not just technical network activity reports."

JIT KHOLIA,
PROJECT LEADER
BARRATT DEVELOPMENTS PLC

MEASURE THE MEASURABLE

"StableNet® has the capability to 'measure the measurable' without limitation. Put another way, if it can be measured, StableNet® will measure it. For customers like Barratt Homes, this means all critical business elements can be consolidated and accessed on one screen, resulting in reduced capital and operational expenses."

PHIL SWAINSON,
HEAD OF TECHNICAL SERVICES
KEDRONUK

THE SOLUTION

To help Barratt Homes overcome the challenges it was facing in terms of monitoring and reporting on individual sites and network connections, Kedron UK recommended the deployment of StableNet® Enterprise by Infosim. Offering a diverse range of metrics, this innovative solution for integrated IT management and Business Service Assurance provided the company with the tools needed to carry out detailed analysis of its multiple UK sites.

Working in close collaboration with the Barratt Homes Project Team, experts from KedronUK quickly gained an understanding of the project deliverables and the benefits these would provide to technical and customer teams. A tailored solution was developed, incorporating bespoke dashboards and reporting, in line with the specific requirements.

To ensure the implementation went smoothly, KedronUK assigned a dedicated Project Manager, who worked closely alongside engineers from Barratt Homes throughout the entire process to assess and

mitigate any risks, enable progress to be viewed by all stakeholders at all times, and ensure all deadlines were successfully met. In-depth training was also provided to help the company achieve maximum value from the system.

Each region now has its own access to the solution, giving visibility of sites in the area as well as high-level reporting on individual sites and the region as a whole. In addition, KedronUK provided configuration management across all core devices and external sites and bandwidth utilisation for each location, as well as reporting and alerting on sites using an incorrect connection type.

Over the course of the project, KedronUK also implemented an automated method to bring new sites on board, enabling StableNet® Enterprise not only to capture the correct metrics, but also to add the site to its relevant geographical region within the corporate tree structure without the need for additional coding.

THE RESULTS



**BETTER VISIBILITY
OF SITE LIFE CYCLE
PROCESS**

**ENHANCED
CONNECTIVITY
STATE**

**BUSINESS HOURS
REPORTING**

**COMPREHENSIVE
SYSTEM AUTOMATION**

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