

When the mission is critical and the need is now



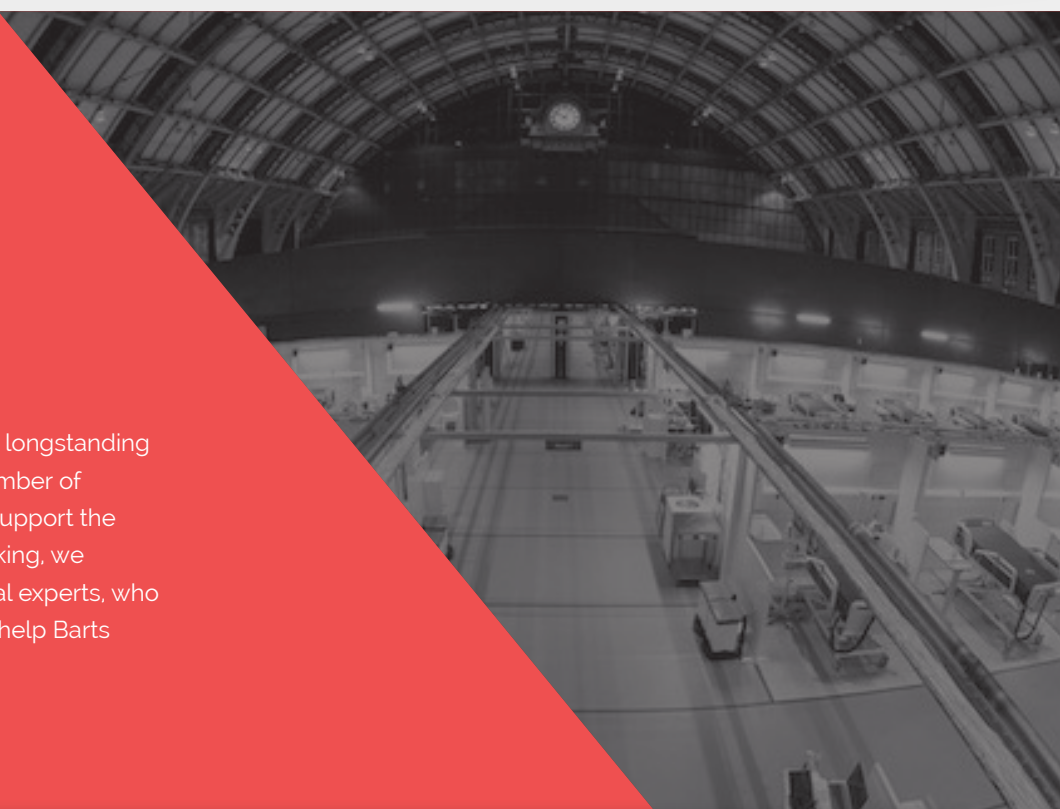
The London Nightingale, which is operated by **Barts Health NHS Trust**, is one of a network of seven sites setup to provide surge capacity across England as our health service responded to COVID-19, the greatest global health emergency in more than a century.

In setting up the **Nightingale, Barts** faced an incredibly complex challenge against a demanding timeline, but in just 14 days delivered:

- ▼ **A fully enabled digital hospital**
- ▼ That could support **10,000 staff**
- ▼ And a capacity of **4,000 ICU beds**

Creating a crisis-ready infrastructure

Block's relationship with Barts Health is longstanding having worked together to deliver a number of transformative projects since 2013. To support the Trust with this unprecedented undertaking, we mobilised a dedicated team of technical experts, who worked every day, around the clock to help Barts Health in this critical endeavour.

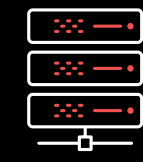


“ For Block, the project needed us to balance the speed of provisioning a large IT infrastructure with the requirements and nuances of an NHS digital hospital designed to operate 24/7, whilst ensuring it could be supported effectively afterwards. There are many interdependencies in a project like this, navigating those complexities in just 14 days was extremely challenging. ”

Marc Chang, CEO at Block

The tech behind the solution

On completion of the project we had delivered around:



1,000 switches



500 wireless access points



10,000 devices



Secure access for all clinical systems



1,000 phones

A modern & robust acute care environment



The Nightingale Hospital was certainly no makeshift facility. Barts worked with partners like Block to build out the appropriate physical and system level resilience that would provide a robust infrastructure suitable for a world-class acute care environment, temporary or otherwise. This couldn't have been achieved without real agility and exceptional collaboration by all teams to significantly speed up processes and deliver in this challenging environment.

“ Block has worked exceptionally hard to help our ICT teams get the critical IT infrastructure up and running at NHS Nightingale London. The sheer will, determination and knowledge of each team member has been outstanding. We fully realise we would not have been able to do this on our own without each of the people you have dedicated to our deployment. We still have a huge amount of work to do, and we will complete all of it with partners like Block by our side. We really appreciate the way our two teams have jointly solved problems and gone the extra distance knowing that patients and clinical staff depend on the systems we build for them. ”

Charles Gutteridge,
Chief Clinical Information Officer at Barts Health NHS Trust



From a standing start to breaking ground in just 8 hours



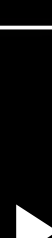
Block's sister company, Connect-IP, also played a significant role, provisioning all of the cabling for the network infrastructure that supported the LAN, Wi-Fi and various patient and staff services. In just eight hours from continuing the initial call, Connect-IP had a team and equipment on site, with a team of 30 engineers continuing to work around the clock for the duration of the project to deploy;



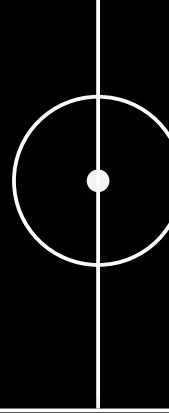
5,000 copper outlets



150,000m metres of cable



Thats the length of over **1,400** football pitches



In an article for Circadian Magazine, **Professor Charles Knight, CEO of St Bartholomew's Hospital & Nightingale Hospital London** said:



“ I think the single greatest achievement of the doctors and nurses there was that ICNARC, which is the National Audit of ITU outcomes, found the Nightingale mortality as exactly the same as the national average - so for the patients that we treated, in a conference centre, with teams assembled from all over the place, in a completely foreign environment, to have achieved an average outcome is an astonishing achievement. I think that's probably what I'm proudest of; that we didn't let patients down, they weren't being treated in a field hospital as a last ditch attempt; they got care that was essentially equal to what they what they got elsewhere. ”