



OVERVIEW



CLIENT QUOTE



OUTCOMES



# ROYAL WOLVERHAMPTON NHS TRUST (RWT)

Wolverhampton, England

The Royal Wolverhampton NHS Trust (RWT) is one of the largest acute and community providers in the West Midlands, providing services for Wolverhampton, the wider Black Country, South Staffordshire, North Worcestershire and Shropshire. The Trust has over 850 beds on the New Cross Hospital site and provides services across three locations with over ten primary care practices integrated with the Trust. With over 9,400 staff, RWT is the largest employer in Wolverhampton.



## CLIENT QUOTE

*“We have a culture that embraces innovation in the work place and our work with the TeleTracking system has proved ground breaking, with excellent results across the board. Its success is testament to the commitment and excellence of our staff across the hospital.*”

*“The technology enables staff to see real-time data on beds available within the hospital, enabling patients to be allocated to the most appropriate ward first time, ensuring they receive care from a medical and nursing team who are experts in their particular condition.”*

David Loughton, CBE, Chief Executive, The Royal Wolverhampton NHS Trust

*“The use of the TeleTracking system has both enabled us to improve patient flow through the Trust and the automation has helped remove the burden of administrative tasks from frontline staff. This was particularly important at the peaks in the pandemic and helped us manage the infection prevention elements of patient care in a more efficient and safe manner.”*

Professor Ann-Marie Cannaby, Chief Nurse and Lead Executive for Safeguarding, The Royal Wolverhampton NHS Trust



## OUTCOMES

- ▶ RWT's Bed Turnaround Team have completed over **2,100 bed cleans per month** taking only **45 minutes** on average per bed turn, releasing **1,090 hours of time back to Nurses and Ward Staff** each month
- ▶ RWT's Portering Teams have **completed over 14,900 jobs per month** and on average complete jobs in **37 minutes** from when the job was requested on the system. The automated system provides a reduction in phone calls to request porters and enables advanced planning for both the sending and receiving areas
- ▶ Through RWT's Command Centre and electronic whiteboards on wards, **beds are now available** to new patients **in less than 35 minutes**
- ▶ Staff can find tagged equipment and assets within **25 seconds**
- ▶ Reduction in ED Breaches to due lack of available bed capacity from **45% to 13%**
- ▶ Real-time patient placement reduced the number of medical outliers by an average of **70%** across wards
- ▶ Since March 2020, the system has provided RWT with real time visibility of over **7,100** patients who had tested positive for COVID-19 or suspected to have it. This visibility has allowed the hospital to minimise the spread of the virus, protecting patients and allowing staff work safely
- ▶ RWT have utilised a real time dashboard to inform operational teams of current COVID-19 inpatients and their locations across the hospital
- ▶ Through hospital wide use of TeleTracking's Real Time Locating System, RWT carried out audits of patients with COVID-19 providing visibility of patient's locations and interactions with other patients and staff
- ▶ Patient and staff interaction data has also enabled Royal Wolverhampton to monitor the number of Personal Protective Equipment (PPE) used by wards and have used predictive analytics to inform procurement of the number of equipment to order and keep in stock