

Toca for Healthcare

Low-Code Apps & Automation

Digitise, connect, transform. Without a single line of code

Cancer Pathways Case Study

The challenge

The process involves many clinical systems, with the lack of integration presenting challenges. It can be difficult to track patient journeys and to ensure patient appointments are booked in a timely manner.

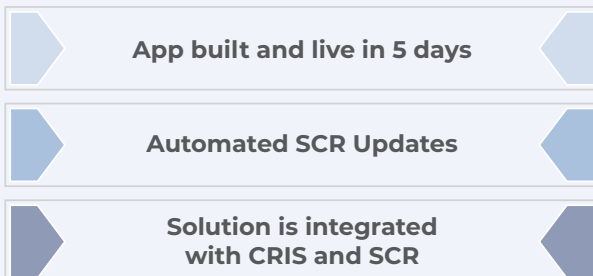
The solution

Using Toca, Ashford and St Peter's Hospitals NHS Foundation Trust built an appointment tracking app which integrates with CRIS (Radiology Information System) and SCR (Somerset Cancer Register), offering instant visibility into where patients are in their secondary care diagnostic journey.

As part of the automation, appointments are identified and tracked from the initial appointment request to diagnostic procedure completion, and each status of the journey is recorded on the SCR. MDT coordinators are instantly alerted to changes in appointment status and any overdue reports, allowing them to follow up with the relevant department/speciality in a timely manner.

The solution ensures patient journeys are fully tracked and MDT coordinators have visibility into progress and key information to hand.

The outcomes



NHS
Ashford and
St. Peter's Hospitals
NHS Foundation Trust



COVID-19 LAMP Testing Case Study

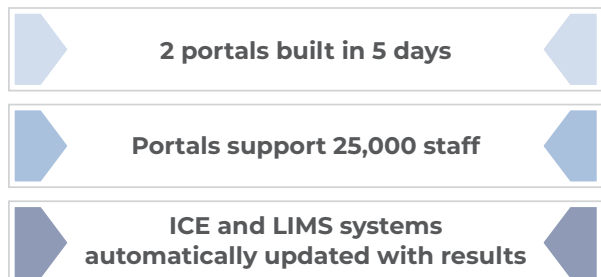
The challenge

East Suffolk and North Essex Foundation Trust were looking to roll out a Trust wide COVID-19 LAMP testing regime. They required 2 web portals, one for all staff to register their testing kit and one for internal lab staff to update staff records with results.

The solution

Using Toca, 2 portals were built in 5 days. **Within 2 weeks, they were live and being used by 25,000 staff.** The portals were integrated with automation projects which validate user inputs and update their ICE system (Integrated Clinical Environment) and their LIMS (Laboratory Information Management System) to register and track patients so their results can be updated.

The outcomes



NHS
East Suffolk and
North Essex
NHS Foundation Trust

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Speeding Up Patient Referrals Case Study

The challenge

Previously known as Choose & Book, the NHS e-Referral Service (e-RS) allows GPs to book patients' first hospital or clinic appointment with a specialist. On average the Royal Berkshire NHS Foundation Trust processes 125,000 e-RS referrals per annum.

The problem was that once the booking arrived in the Trust's system, the next step was entirely manual and could be prone to error.

The solution

Toca is used to automate this process, so that referrals are now actioned more efficiently with greater consistency and accuracy.

Toca automatically uploads the inbound referral to the patient's record as soon as it's booked. The consultant can now view the information instantly, alongside the patient's history, which makes the consultation more effective. Toca is also used to directly add information, such as test results, to the record later.

The outcomes

Over 15,000 hours saved per year

Referrals processed 6x faster

Average processing time cut from 9 minutes to 1.5 minutes

Toca in Action

Automating data migration

Toca migrated over **80,000 patient reports from a 20-year-old legacy endoscopy system**, hosted on a Windows 2003 Server, to the new EPR. Previously, staff did this manually. As well as being tedious, the process was prone to mistakes.

Toca took over the task from staff members, downloading each report and exporting it as a PDF to the Trust Integration Engine (TIE) for uploading into the EPR. Without automation, the migration would have taken staff 2 years to process manually.



"The Toca solution quickly delivered tangible change. We now have a reliable, comprehensive patient record, whereas before it was patchy, almost luck of the draw."

Dr. Jon Swinburn

Chief Clinical Information Officer



Royal Berkshire
NHS Foundation Trust