

Monitoring Hospital Beds and Equipment

Lifesaving care for those most in need with **Full-Cycle Automation**



01 Challenges

The healthcare authorities in a European country need to have accurate, real-time information on available beds and essential medical equipment in the hospitals under their control so that they can quickly direct patients to the most suitable facilities in their area. This coordination is currently done by a team of 50 people calling hospitals three times a day and then updating various systems manually.

02 COVID-19 Urgency!

As the COVID-19 pandemic continues to spread rapidly, healthcare providers and government health ministries worldwide are operating in a totally new and unforeseen reality. It has become imperative to quickly allocate hospital beds to those who need them the most and ensure that vital lifesaving medical devices, such as ventilators, are available and ready to use.

03 Solution

Kryon's Full-Cycle Automation Suite is deployed at the health ministry to send an automated email to each hospital requesting details about bed and essential medical equipment availability. This information is returned by a hospital administrator to the health ministry by return email, where robots extract the data and automatically update the availability records. If no response is received from the hospital, robots alert a health ministry employee to verify current availability by phone.

04 Expected Results

- Up to **65% reduction** in the time taken to allocate hospital beds
- Ensures that vital equipment is **on site** and **ready to use**
- Enables **prompt treatment** to **save lives**
- **Highly accurate** with human error **eliminated**



Updating Medical Records

Saving lives through rapid results processing with **Full-Cycle Automation**



01 Challenges

A health ministry in an EMEA country wants to find a way for local Health Maintenance Organizations (HMOs) to quickly update patients' medical records with critical test results, and then anonymously add those results to official government statistics.

02 COVID-19 Urgency!

Due to the COVID-19 pandemic, governments worldwide have been forced to institute strict testing regimes and take extraordinary measures in an attempt to reduce the number of new infections. The accurate collection and processing of test results, and their rapid inclusion in official statistics, has therefore become a vital tool in halting the spread of the disease.

03 Solution

Kryon's Full-Cycle Automation Suite is deployed by local HMOs to seamlessly upload a detailed Excel file, sent by the country's health ministry, containing the confidential results of coronavirus tests undergone by the organization's members. Robots update the patient's medical files with the test results, and then anonymize the data for fast inclusion in official government statistics. In case of a positive result, the patient's primary care physician is automatically notified so that appropriate treatment can be given.

04 Expected Results

- Test results uploaded and updated in **less than 2 days** instead of 2 months manually
- High-speed process implementation of less than **48 hours**
- Enables **personalized and prompt** treatment
- **Highly accurate** with human error **eliminated**
- **Very high** levels of patient satisfaction

