



# real-time information for health

an **idox** solution

## Real-time Electronic Health Record (EHR) replication

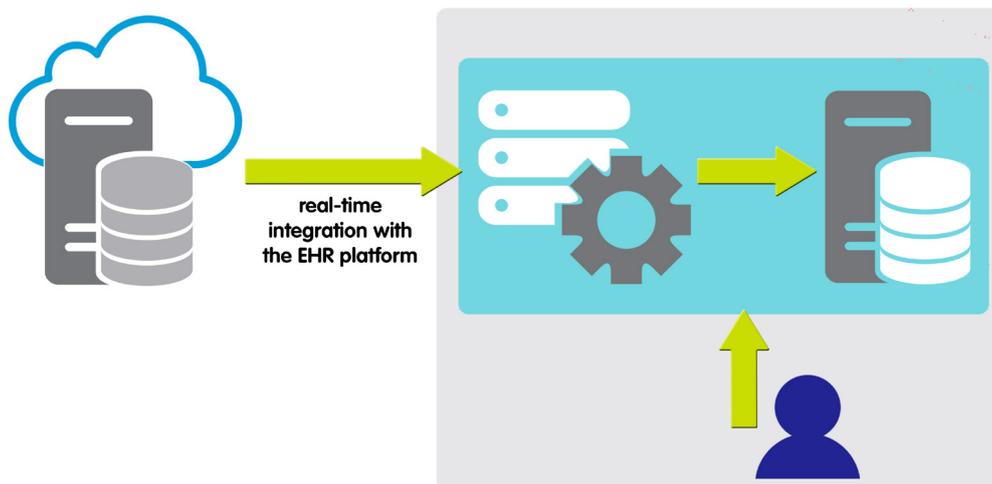
Trusts need reliable and timely data to be able to build their information and generate their reports, instead they are constantly faced with outdated, incorrect or incomplete data making delivery of healthcare a challenge.

Real-time Information for Health has been built in collaboration with the NHS and is a valuable tool that will provide unlimited access to your health data.

The solution offers continuous, real-time, and reliable data, with no delays and reduced downtimes.

It connects directly to the EHR platform and retrieves data in real-time by performing net change replications in a time frame determined by the trust. As a result, the trust will have a fully accessible replica of the EHR data.

## How does it work?



Real-time Information for Health works on industry standard architecture. It potentially eliminates dependency on overnight PIEDW files by connecting directly to the operational PAS, providing transparency of data from the EHR platform and efficiency in reporting.

Our solution consists of over 200 objects and is split into a number of units required per hospital functional area as follows:

- » Reference Data
- » Coding
- » CDS Tables
- » History Tables
- » Patient Demographics
- » ED
- » RTT
- » Inpatient
- » Personnel
- » Orders
- » Radiology
- » Power Forms
- » Outpatient
- » Theatres
- » Encounter
- » Clinical Event

## Business Value

<b>Real-time connectivity to the EHR</b>	The solution takes direct data feeds from the Electronic Health Record platform providing real-time data based on the timeframe provided by Trust.
<b>Direct connections to EHR platform</b>	Having a direct connection to the EHR platform eliminates the possibility of facing issues with FTP connections and lack of disk space for file repository.
<b>Unconstrained data</b>	Enables access to data objects available in the EHR platform as opposed to subsets specified by the supplier in overnight files.