

# Efficient management of home ventilation devices: the integration between IFS Ultimo and Logic Medical at Erasmus MC



IFS Ultimo

## Many administrative operations as a challenge

It is no longer feasible for Erasmus MC to do its own servicing and quality control of the increasingly large number of ventilators issued by the 'Centrum van Thuisbeademing' (Centre of Home Ventilation). The Medical Technology department is not set up to function structurally outside the hospital. Therefore, this is done by service partner Logic Medical.

However, the maintenance work performed and test reports critical to this service needed to be linked to, and shared with, each other through various systems and departments. This created an abundance of red tape for staff. Moreover, too much administrative work could also mean that things were occasionally forgotten or transferred from one system to another in an incorrect way. After all, manual operations, wherever work is done, always provide opportunities for error.

## Solution: Connecting data sources

Meditain helps healthcare institutions and hospitals solve all kinds of process and technology issues and is a certified IFS Ultimo implementation partner. The question was very specific: if service partner Logic Medical, who does the maintenance, records the maintenance history, why not open up all this data directly into the IFS Ultimo asset management system through an API? The answer was a link between the two systems, created by Meditain.

## Less error-prone process

Arjan van der Pas, Medical Technology Advisor at Erasmus MC, describes the value of the link as follows: 'The first word that comes to mind is reliability. In the past, PDFs were e-mailed, or our technician had to log into the database, download something and then manually link it. That meant a much more error-prone and lengthy process'

## About Erasmus MC

Erasmus MC is a university medical centre in Rotterdam, affiliated with Erasmus University Rotterdam. In terms of revenue, the hospital is the largest of the seven university medical centres in the Netherlands. Core functions include patient care, research and teaching. Valorisation, the social or economic utilisation of knowledge obtained from research, is generally considered a fourth core task.

Erasmus MC



## Annual savings of up to 160 man hours

Nick Haak, functional management consultant at Erasmus MC, explains that the link between Logic Medical (Prodin) and Erasmus MC (IFS Ultimo) saves very many administrative hours annually. A calculation about the savings in man-hours was quickly made by him: "Over the year, about 2,000 ventilators require maintenance. Per device, we now save about 4 to 5 minutes in administrative actions, which means 130 to 160 man hours on an annual basis."

## The future with IFS Ultimo and Meditain

"An important 'side benefit' of this project is that we basically developed a blueprint on how to achieve a functional design where integrations provide cost savings, efficiency and convenience. What applies to the maintenance of ventilators may also apply to the annual maintenance of hundreds of beds. So, we will undoubtedly develop more smart integrations between medical systems and IFS Ultimo," concludes Arjan van der Pas.

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Nick Haak, Functional Management Consultant

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## About Meditain

Meditain is IFS Ultimo's Dutch implementation partner in healthcare. Meditain has been offering healthcare institutions a helping hand with issues related to technology and medical technology since 2011. Hospitals turn to them for project management in technology procurement and/or implementation processes, quality audits, implementation and functional management of maintenance management systems.



## Benefits seen using IFS Ultimo:

- An external audit, by the IGJ or certifying bodies, can demonstrate compliance with the requirements of the Medical Technology Covenant.
- Annual savings of 130 to 160 man hours.
- No more double entry of maintenance and test data.
- Maintenance work can no longer be forgotten with active notifications to Logic Medical's medical technicians.
- Efficient management: Erasmus MC's Medical Department has a 360° overview of all medical devices, no matter where they are located.
- More job satisfaction: technicians who are busy, often due to staff shortages, can do what they do best because the administrative burden is reduced.

## More information

Further information, e-mail [info@ultimo.com](mailto:info@ultimo.com), contact your local IFS Ultimo office or visit our web site, [ultimo.com](http://ultimo.com).

