

# Resource and patient management

All hospital departments receive and generate data, from ambulance to accident and emergency, surgery and outpatient wards, to cleaning, orderly and caretaker services. All this information is business critical. DNV Imatis' Flow collects and transfers data and information between departments and enables information to flow freely and unhindered in real time, without the risk of any information being forgotten, misunderstood, or duplicated.

## **Combines logistics with resource and patient management**

DNV Imatis' Flow solution supports and improves clinical logistics and the patient journey, from pre-hospital situations to admission and discharge by using digital whiteboards.

Flow is an ecosystem of applications and digital tools specifically designed to provide a real-time overview of the current situation. The solution makes it possible to share real-time information in, between and across wards, clinics and hospitals. Furthermore, it is flexible and powerful, bringing together caregivers, support services, patient safety, work lists, resource management and patients. Information is retrieved from multiple data sources.



**Benefits:**

- Increased patient safety
- Faster bed turnover
- Cost-effective

**Compliant and integrated**

Digital whiteboards seamlessly integrate with our mobile apps and messaging system, patient portal, self-registration, and patient queue management solution. The solution can also be integrated with a hospital's patient administrative system, electronic patient records (HIS and EPR), or with other solutions/systems, thereby providing support for process automation and allowing information from multiple systems to be accessed from a single location.

**Adapted to any workflow**

Each single digital whiteboard can be adapted to a variety of workflows within and across the organisation in order to create collaborative environments to the benefit of patients and staff.

**Lightweight applications**

Flow offers a suite of pre-built lightweight applications designed to serve as foundational templates. These applications serve as convenient starting points for further development. By leveraging a low-code platform, internal ICT resources gain the autonomy to configure specific functionalities as needed.

**Customer cases****Østfold Hospital**

Østfold Hospital, situated southeast of Oslo, Norway, inaugurated its new facility in 2015. The hospital has 5,000 employees, 630 beds and 21 operation rooms. In 2017 they received HIMSS level 6 certification as the first hospital in the Nordics.

Implementing digital whiteboards and fostering interdepartmental collaboration has significantly enhanced Østfold Hospitals' operational efficiency. This approach enables the hospital to monitor occupancy rates more effectively, streamline resource allocation, and visually identify bottlenecks. For a deeper understanding of Østfold Hospitals' digital interdepartmental workflow and its benefits, [watch this video](#).

**Kinn municipality**

Kinn municipality with 17,300 inhabitants was established in 2020 after the merger of several municipalities on the coast in western Norway. Geographically, the municipality comprises two distinct parts, which are separated by a journey time of over 1 hour by speedboat or over 2 hours by car. As one of Norway's most forward-thinking municipalities, Kinn has implemented a comprehensive and intricate initiative in digital collaboration, from a municipal standpoint. Project goals encompass the creation of an all-encompassing digital platform for patient notifications, welfare technology, and enhanced interaction by optimising information flow between departments..

*“The way we interact internally changes. Now, we experience a rapid pace of change. DNV Imatis as a revolutionary new tool, takes our internal healthcare and welfare processes to new dimensions. It is innovative, intuitive and in real time across our services.”*

*Quote Henrik Ulriksen, Kinn municipality, Norway*

Want to learn more?

