Turning data into better healthcare

LOGEX

We turn data into better healthcare

Our 450 experts, in 10 countries, work alongside more than 750 Healthcare Providers across Europe. We lead the way in healthcare analytics in all our domestic markets and work with 12 out of the top 15 pharmaceutical companies in the world.

We believe that there are 4 clear areas where we can help hospitals, clinicians and innovative healthcare providers turn their data into better healthcare.

The **financial and operational data** that is generated by healthcare providers

We believe that controlling costs & streamlining operations shouldn't have to be a struggle. Our solutions help you maximise operational and financial performance.

• Costing / PLICS
• Budgeting & Capacity Management.

The **clinical outcomes data** that indicate the quality of the care provided

LOGEX Outcomes solutions facilitate the measurement of clinical outcomes and provide insights into the clinical performance of healthcare providers.

• Data collection, processing and reporting
• (Inter)national benchmarking

The **real-world data** that is collected in the process of treating patients and providing care

We have created the Actionable Real World Evidence Network (ARWEN) to support you with the clarity you need on drug uptake, patient outcomes, (novel) drug costs and variations standards of care and patient pathways.

• ARWEN
• Drug Cost Control Monitoring

The **data that captures the journey and experience of patients** – from home to hospital and back

We facilitate the entire digital patient journey, from living room to the hospital and back - including support for outcome collection and improving the patient experience.

• Complete outcome collection
• Patient experience

Serving clients across Europe

We are trusted by more than 750 healthcare providers in 10 countries to help them in making data-driven decisions they can stand by, with impact they can measure.

LOGEX at a glance

750

Trusted by 750 public and
private healthcare providers

450

International data experts
working in 10 European countries

€70+ billion

Over €70B in healthcare funding
decisions supported annually

18 million

Unique patients affected by
decisions via our solutions

10+

LOGEX is active in
more than 10 countries

Why we turn data into better healthcare

European Healthcare is under pressure

As the European population continues to grow older, the demand for more (and far more specialised) healthcare increases. Thankfully, we live in a time and age where there are ever more possibilities of treating and healing patients.

However, this adds to two current challenges:

The rising costs of healthcare are increasingly harder to afford in a sustainable way and take away funds from other pressing societal issues and problems.

The growing number of therapeutic possibilities makes it more difficult for physicians (and patients) to know the right path to recovery, contributing to significant variations in clinical outcomes.

At the same time, digitisation and automation in healthcare have resulted in an abundance of operational, financial and outcome data, in particular at the clinical level, but increasingly also at the patient level. Most forward-thinking healthcare providers know that all this data can help improve costs and outcomes, but they are often overwhelmed by the sheer volume of data.

LOGEX's mission is to turn data into better healthcare. With analytics, we create insights that are objective, transparent and actionable. They empowers at every level by bringing clarity to medical, operational and financial decisions that result in better outcomes and reduced cost.
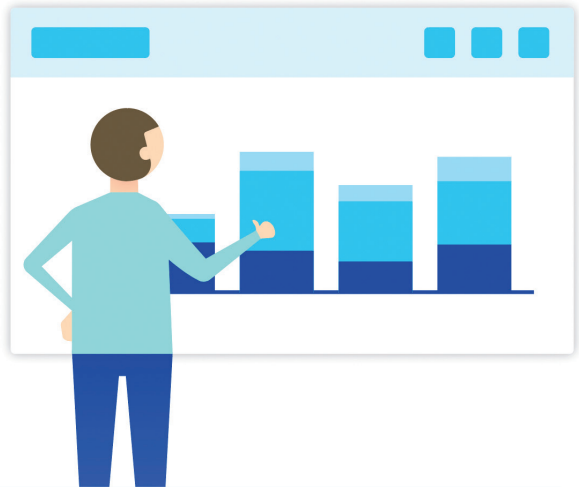
Why it matters to be in financial control
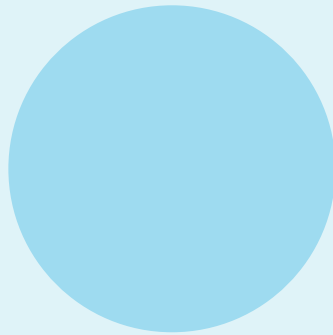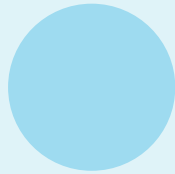
LOGEX Costing: instant calculation power and integrated benchmarking analytics

Benefits

✓ Calculate, apply, and optimise

✓ Maximise the flow of resources

✓ Benchmark and improve

✓ Deliver, regulate & meet standards

1 **Managing costs within the hospital**

Our innovative activity-based approach empowers you to simplify cost calculations and optimise resource allocations by responding to anticipated future demand.

2 **Work with advanced analytics & benchmarks**

Our LOGEX integrated costing & analytics benchmarks allow users to analyse their relative position compared to other hospitals, historical references, specialties and departments in granular detail.

3 **Meet regulatory standards**

Deliver information to regulators automatically and in full compliance with national requirements.

LOGEX Budgeting & Capacity Management:
## We help streamline the budgeting process and optimise the allocation of resources

1 Streamlined budgeting operations

- All data in one tool (single source of truth), eliminating scattered Excel files across the hospital and different teams.
- Get direct insight into how changes in different scenarios impact resources and finance, allowing for optimal budgeting.

2 Enabling better capacity management

- Better allocation of available resources, taking into account all annual changes.
- Increased engagement of managers and physicians within the finances of the hospital through 'section access' with an unlimited amount of users.
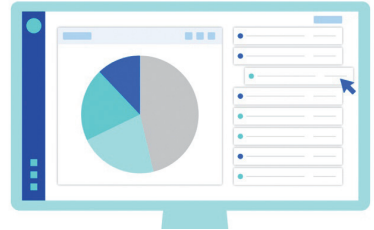
3 Anticipate & respond to demand

- Drive performance improvement programs based on budgeting, linking them to your costing information in the same platform.
- Forecasting and monitoring volume, revenue and costs, to ensure hospitals stay on top of expected vs. realised numbers on a structured periodic basis.
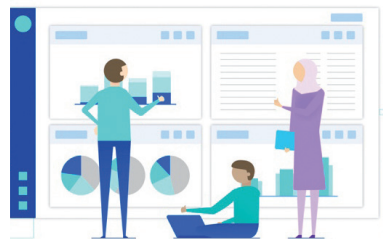
We provide tangible benefits with happy users to prove it

"We wanted to better understand the cost associated with catering and specifically per catered item. Doing so would help make better decisions around what to produce in-house and what to have catered for by external providers."

Taneli Pikkarainen
Financial planner
at Kainuun sote

"The LOGEX Financial Control Suite provides the degree of information accuracy required for our management team and clinicians to take important strategic and operational decisions confidently."

Jeroen van Roon
Chief Financial Officer
at OLVG

"We had the desire to get direct insights in our budget based on aligned assumptions and based on a budget where volume, capacity and finances are linked."

Marnix Nillissen
Manager P&C
at Radboudumc

"We eliminated unmanageable Excel files across the organisation, reduced errors and increased accuracy, resulting in less time needed to manage our capacity."

Chris Harker
Head of Finance at Hull
University Teaching Hospitals

"We want to understand the impact we have on the well-being of our patients in relation to our spending. Together with LOGEX, we have developed a way to mceasure and understand this."

Seppo Ranta
Chief Executive Officer
at Hospital District of Kanta-Häme

How we improve the understanding of healthcare by connecting internationally

We make (international) Clinical Outcome Analytics easy. We lower costs and admin burden, while bringing maximum information value. Our clients trust us to process large data volumes internationally, leveraging our highly standardised **Healthcare Data Platform**.

30+

30+ patient groups, including clinical & patient outcomes

1.5M

1.5 million patient records registered on the platform

7500+

Users of the platform, incl. medical specialists, quality managers, researchers, but also payors and patient (advocates)

Our Healthcare Data Platform

- Our platform makes it easy to collect & process and analyse & report outcomes data. Findings are deployed towards better healthcare.

- Efficient data collection through automation (batch upload or EMR integration), adoption of international standards and reuse of central data sources.

- Analytics platform to transform data into relevant insights and leverage data for research.

- Standard reports and (inter)national benchmarking, to identify best practices and drive learning.

The benefits of our Healthcare Data Platform

✓

Configurable
Easily add new disease groups and reporting modules, or adapt your data model. You control the content of the solutions we proved.

✓

Simple
We make it easy for you to upload and distribute your data. We use automated, user-friendly online solutions.

✓

Transparent
Participants remain fully in control of their data. You tell us how we should use it.

✓

Safe
Medical Data is privacy sensitive and needs to be handled with care. We comply with GDPR and are HIPAA & ISO27001 certified.

One platform, multiple users and use-cases

LOGEX   Provides platform (support), Content advisory & Implementation support

Collect
Easy to use tools to collect data
- Manual entry
- Batch-upload
- FHIR API
- PROMs (BF)

Structure & Validate
High-quality database
- Validation
- Third-party connections
- Data verification

3rd party

Data & Tech Partners
- Data partners: Provide central data source (e.g. Pathology lab)
- Tech partners: Local extraction support to upload data (e.g. BF)

Users   Provide content: Datasets, indicators, research

DICA

ICHOM

European Reference Networks | ERNICA

Primary users: Registries, Medical associations, Research institutes

Analytics

Registries

- Indicator development
- Risk adjustments
- Additional analyses
  (upon request)

Report & Distribute

Interactive dashboards (Codman)

- Trends & highlights
- Drill down to patient

Distribution

- Authorisation matrix
- API out (for local integration)

Impact / use partners

- Implementation partners
- Research partners

NEDERLANDSE
VERENIGING VOOR
ANESTHESIOLOGIE

niv

Roche

Janssen

Additional users: Life science

Examples of our work & clients

For the Dutch Institute for Clinical Auditing (DICA) we serve 20+ national registries for all hospitals, and clinics in The Netherlands, covering surgery, radiotherapy, gastro-enterology, diabetes, incl 8 national PROMs registries.

We built the ICHOM Global Benchmarking Platform for the ICHOM standard sets, covering different conditions and for specific patient populations.

For DICA and the ERNICA ERN (The European Reference Network for Rare Inherited Congenital Anomalies) we maintain 5+ international registries, covering 30+ centres across EU member states.

ARWEN

The Actionable Real World Evidence Network powered by LOGEX

Join for free to effortlessly participate in vital research and increase the research output of your hospital – while you stay in full control and ownership of your data.

Use the real-world data that is collected in the process of treating patients and providing care for research

✓ **Your data is yours.**
We are data-analyst,
not data brokers.

✓ **Your data is valuable.**
Turn data into value in
full transparency.

✓ **Your data is safe.**
Privacy and security come first.

✓ **Your data is vital.**
To fast-track crucial research.

1 **Fit for purpose platform**
- We offer a platform to connect supply and demand of drug-related research questions on our network.
- Increase speed and scalability by using standards for effective international collaboration.

2 **High-class extraction support**
- We support in extraction, validation and linkage of data to keep additional effort & costs to a minimum.
- Supporting proper, structural data collection resulting in insight generation into outcomes and costs.

3 **Unlocking the value of your data**
- We enable collaborations with regulators, insurers and pharma to do more RWE based research.
- We help hospitals to participate in more research and increase financial rewards and academic returns.

Drug Cost Control Monitoring: our monitor brings you clarity on your drug spend and supports you in containing and justifying this spend.

✔

Understand the drivers of rising drug costs and get the ingredients to start containing these.

✔

Limit your time spent on data gathering and reporting as we connect the different data sources required and do the analytics for you.

✔

Pinpoint tangible areas of improvement and opportunities by benchmarking against your (inter)national peers.

What you can do...   What you get...

1   **Assessing the key cost drivers**

✔ Structured overview of resources (costs, volumes, costs/patient).

✔ Insights per medicine, brand name, specialty and diagnosis.

2   **Benchmark against your peers**

✔ Identify overspending areas through benchmarking.

✔ Patient characteristics filters to ensure a comparable benchmark.

3   **Deep-dive on opportunity areas**

✔ Assess dosage, treatment duration and starters to understand what is happening under the hood.

✔ Assess variation within your clinic, as well as with the benchmark.

LOGEX is an experienced European player within Life Sciences analytics.

Jointly with the NHS we have created an international medicines uptake comparison.

This comparison shows that uptake among English patients for severe asthma and smoking cessation lags behind European countries.

We launched a pan-European patient pathway optimisation program.

We have unparalleled experience in turning healthcare data into insights. We support hospitals & other stakeholders to understand patient pathways, drug uptake, care variations and more.

The COVID-19 monitor we created keeps track of drug use and patterns in hospitalised COVID-19 patients and signals possible drug shortages.

We are now supporting the LCG (National Coordination Center for Prescription Drugs) on a monthly basis by analysing the hospital data in order to provide insights into the drug use of COVID-19 patients.

BRIGHTFISH

Supporting the digital patient journey means enabling a better care experience while collecting all relevant outcomes.

The LOGEX Brightfish product family
helps you answer a pressing question:

"How do I guarantee superior patient experiences
and great data collection compliance in support
of value-based healthcare initiatives, without
discouraging patients or increasing the workload
for medical and IT staff?"

We believe that you can provide superior patient experience and achieve improved data collection in three clear steps:

Step 1

Engage and empower your patients using any platform or device.
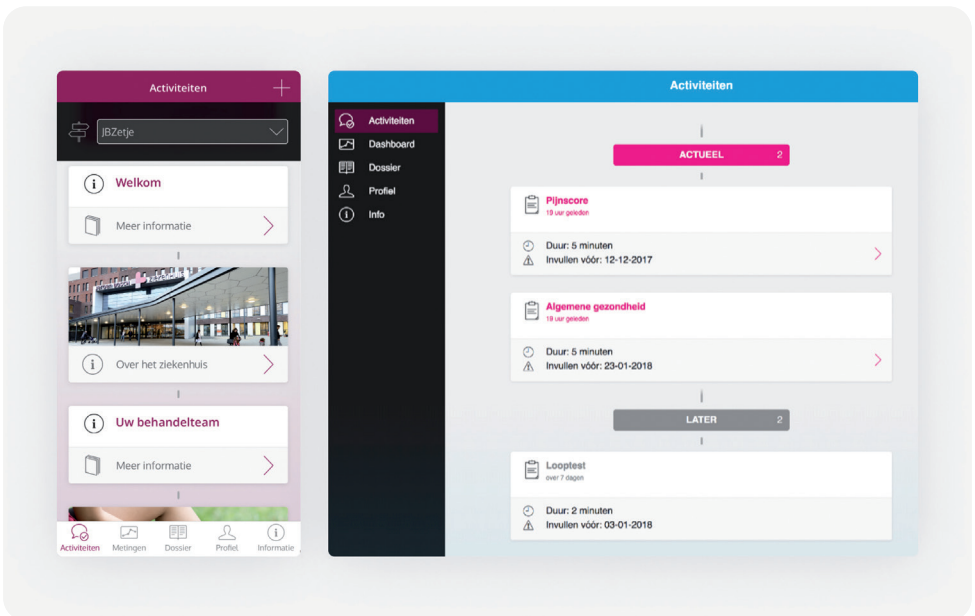

The CarePath timeline is the basis for all solutions in our Brightfish Product Family, allowing you to efficiently deliver:

- Hospital information.

- Digital tools to guide the patient with appointments, examinations and treatment choices.

- Include pre-operative screenings and treatment follow-up surveys.

- Tasks for the patient to perform, including measurements with wearables.

- Real-time notifications of changes and updates.

Step 2

Capture patient and clinician reported outcomes more effectively and make them truly relevant.
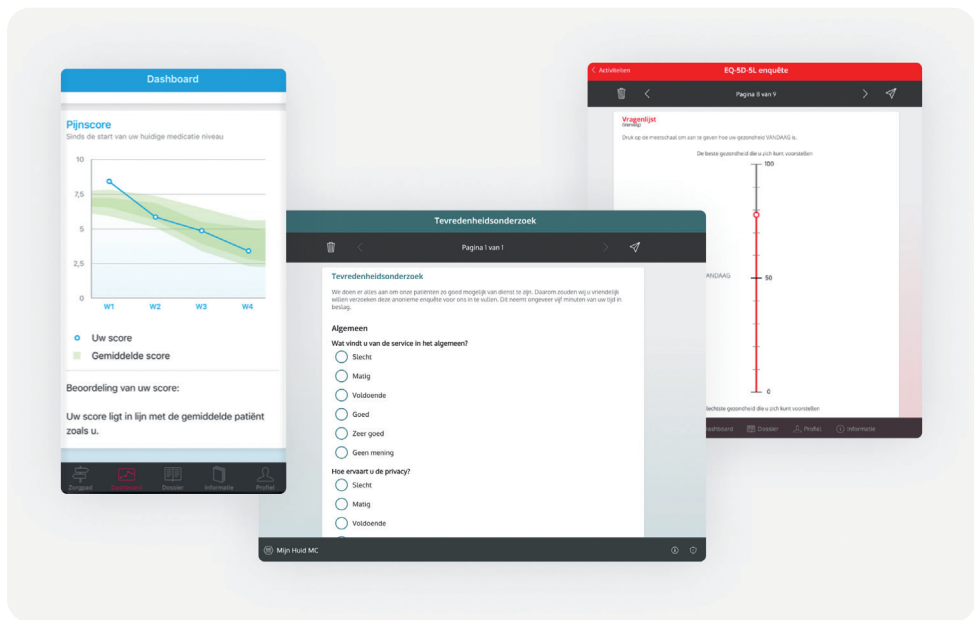
- Use validated surveys to keep track of complaints, recovery and disease progress.

- Benefit from helpful dashboards for both patients and healthcare professionals.

Step 3

Engage and educate your patients whilst entertaining them with modern media.
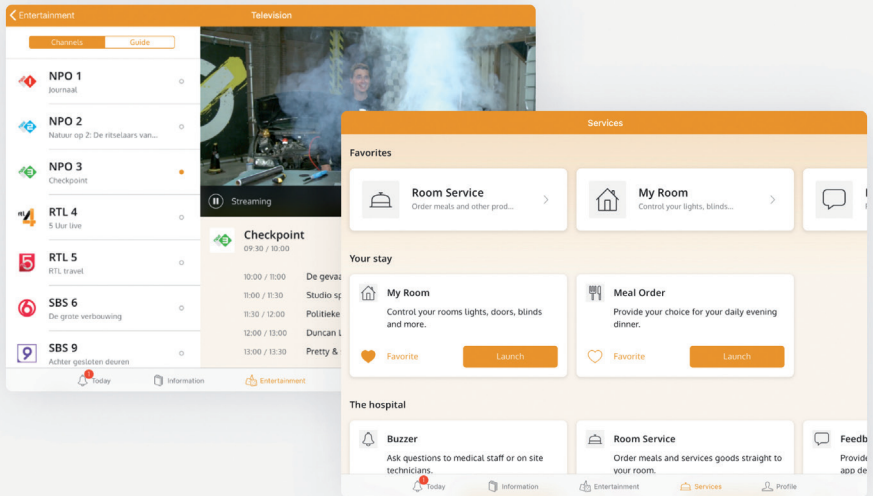
- Entertainment services:
  live TV, video on demand, various streaming services.

- Direct questions to various staff.

- Control key aspects of your environment through building management system / home automation.

- Browse through relevant patient educational content.

- Access your medical records.

- Order food, drinks, etc.

- Bookmark favourite items for fast access.

- Complete surveys for your treatment team while waiting (PROs, NPS, etc).

How do I integrate an outcome data driven solution into the daily clinic?

LUMC is a Dutch academic hospital and internationally renowned with over 8,800 employees.

LUMC Leids Universitair Medisch Centrum

The Challenge
Finding the right balance between 'scientific measurements' for PROMs (on a fixed time-schedule) with 'treatment room relevance' of PROMs (with a more flexible time-schedule). Based on existing implementation of other PRO solutions that needed to be migrated.

What we did
The Brightfish CarePath solution will be used to roll out PROs across all their care teams for the the value based healthcare program (LUMC 2.0). iPads are used in a clinical setting as well. Insight is used for treatment room consultations.

The Impact delivered
Enabling staff across 10 departments (more rolling out in 2022) who are treating complex patient cases to prepare for the outpatient clinic visits in an 'evidence based' fashion.

How do I improve patient value through outcome collection in pancreatic cancer?

Ospedale San Raffaele is part of the San Donato Gruppo. It is a top of the line hospital in Milan (Italy), with 1,330 beds, 50,000 admissions a year and 1.5 million outpatient visits.

I.R.C.C.S. Ospedale San Raffaele
Gruppo San Donato

The Challenge
OSR wanted help to implement ICHOM PRO sets in the clinical process, integrated into their EMR systems.

What we did
CarePath and Insight were integrated into the existing IT systems (Dedalus EMR). Also, native iOS and Android apps were launched to engage patients on their own devices.

The Impact delivered
A hospital-wide multi-language PRO implementation with current focus on oncology, questionnaires are manually initiated from within the EMR end-user screens and results can be viewed in a special treatment room dashboard (also EMR integrated).

Do you want to know how we
can help you to turn data into
better healthcare? Contact us!

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