

CASE STUDY

Transforming pediatric oncology research through data science: The Princess Máxima Center's journey with DISQOVER



DISQOVER



Industry
Healthcare, Research,
and Technology



Number of employees
+1350



Location
Netherlands

Use cases in:

- (Pre)clinical Study registry (internal data only)
- Central Patient Registry
- Datadesk data request

Our customer

The Princess Máxima Center is a research hospital, at which all children with cancer in the Netherlands are treated, and at which all research into childhood cancer in the country takes place. That makes the Princess Máxima Center the largest pediatric cancer center in Europe.

More than 900 healthcare professionals and 450 scientists work closely with Dutch and international hospitals to find better treatments and new perspectives for a cure.

The challenge

The Princess Máxima Center's mission is to cure every child with cancer, with optimal quality of life.

To achieve this, a fundamental pillar of the organization is to ensure an optimized exchange of data and knowledge between research and care units so cross-functional data can be optimally and securely found and accessed, in compliance with privacy and security policies.

They decided for DISQOVER for this purpose, following an extensive pilot in 2022, involving a wide range of Princess Máxima Center researchers and clinicians who gained a detailed technical understanding of the DISQOVER technology and experienced first-hand how it can efficiently transform operations.

The outcome

The Princess Máxima Center uses DISCOVER to connect their siloed data sources in one harmonized platform enabling optimized data exploration and time and cost efficiencies.

ONTOFORCE's DISCOVER platform strengthens Princess Máxima Center's data exploration capabilities and enabling them to uphold the FAIR (findable, accessible, interoperable, and reusable) data principles as a research institution best practice.

On top of the value that DISCOVER brings in terms of efficiencies, innovation, and data democratization, ONTOFORCE's team of data science experts also support the Princess Máxima Center users so they can achieve maximum results within the platform to further optimize research capabilities.

Michiel Kooper, Managing Director IDT (Information Technology, Data Provision, and Biomedical Technology) at the Princess Máxima Center for pediatric oncology, says

"With ONTOFORCE's next level search technology, we will be able to safely open up more clinical data for researchers than ever before, helping us to improve our care for children with cancer and to accelerate our pediatric oncology research. We've already received great support from ONTOFORCE's data science experts in implementing DISCOVER so it is tailored to the needs of our organization."

Benefits



Enhanced data discoverability and user engagement

DISCOVER facilitates the ease of finding data across the organization, prompting users to explore more data and approach research questions and tasks differently.



Comprehensive data integration: tailored and secure

DISCOVER facilitates the ease of finding data across the organization, prompting users to explore more data and approach research questions and tasks differently.




Unlocking new research opportunities through centralized data

As this data now sits in one place, users can explore datasets that they might not have known previously existed.



Facilitating knowledge exchange and data utilization

Enabling improved findability and integration of data within DISCOVER is supporting an optimal exchange of data and knowledge between their research and care functions.

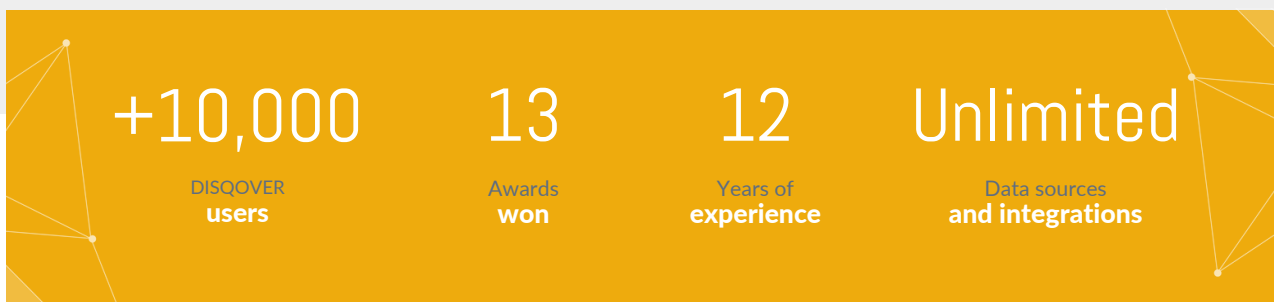


These efforts are all centered towards the organization's larger mission: to cure every child with cancer, with optimal quality of life.

About ONTOFORCE

ONTOFORCE helps life sciences organizations accelerate research and drug development for improved patient outcomes by unlocking hidden insights from data. Founded on semantic technology and an ontology-based knowledge graph, their flagship product, DISCOVER, is an intuitive knowledge discovery platform developed specifically for the life sciences industry.

DISCOVER seamlessly connects an organization's internal, siloed data with licensed data and public data in one easy-to-use, customizable platform, enabling efficient data exploration and analysis.



Book a meeting via this link or email us at hello@ontoforce.com

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