



CASE STUDY THIEMEMEULENHOF

Leading the way in educational change

The spark that changed ThiemeMeulenhoff.

Where we started offering textbooks for classroom teaching, technological innovation inspired us to create a more personal, effective and efficient learning experience for students and teachers. We wanted to step away from books and create more innovative educational solutions, from online educational tools to apps and e-learning materials. Fuelled by the latest of technology and Sentia's expertise, we transformed from an educational publisher to a designer of modern teaching methods.



ABOUT THIEME MEULENHOF

The leading light in educational innovation

ThiemeMeulenhoff is a renowned player in the secondary education sector, producing instructional and educational applications. Utilising growing expertise, experience and effective learning solutions, they partner with schools to innovate and improve the education they provide. In this way they work together, accommodating the differences between students and schools to make learning more effective.

225

Years in
business

200+

Experienced
employees

2

Offices in the
Netherlands

4729

E-learning
modules

762

Schools
connected

9327

Students
log in daily

2004

ThiemeMeulenhoff
participated
in Edupoort

2006

ThiemeMeulenhoff
teamed up
with Sentia

2009

Development
online platform

2010

Thiememeulenhoff
receives NOT
innovation award
for e-learning

2011

E-learning
available on all
devices

2014

ThiemeMeulenhoff
makes transition to
cloud

"To make the transition from traditional books to online learning successful we needed a stable platform, but also a partner with expertise in the field."

CHALLENGE

Transforming from books to an online platform

For years, students and teachers exchanged licenses, books and CD-ROMs in Edupoort. ThiemeMeulenhoff sparked innovation by making plans for an online platform where teachers and students can log in and use teaching tools and applications. Technically, licenses still would need to be exchanged in this platform, but users should not be noticing this and simply enter a central learning environment.



SOLUTION

Modern Infrastructure to build upon

Sentia guided ThiemeMeulenhoff in the transformation from books to online, by designing the optimal infrastructure for the online learning platform, which was both stable as well as scalable. Sentia's experts subsequently built the online platform on this infrastructure and supported the IT-department of ThiemeMeulenhoff in making the transition from licensing to an online learning environment.

Modern Cloud Infrastructure

Infrastructure design and roadmap

Online platform development

Transformation strategy

From 348
classroom books
to 4729 personal
e-learning modules

OUTCOME

Limitless online learning

The online platform and the supporting infrastructure allowed ThiemeMeulenhoff to make learning possible online. ThiemeMeulenhoff have made textbooks readily available for students in their online platform and created segmented learning modules so learning paths can now online be tailored to the needs of individual students. Moreover, the platform provides a variety of online tools for teachers, such as digital test applications. The platform is accessible on any device, so both teachers and students can access the necessary learning materials anytime, anywhere.

"Learning never ends, so our online learning environment should be available at all times"

CHALLENGE

Making sure the lights are always on

The online learning environment of ThiemeMeulenhoff is a business-critical application, as students and teachers must have access to their teaching resources at all times. Especially during peak times, such as the start of each new school year, ThiemeMeulenhoff wants to ascertain the security and connectivity of the platform is faultless. When the system is unavailable, students cannot continue their work and teachers are hindered in monitoring and testing them.



SOLUTION

Advanced security and guaranteed system uptime

Sentia understands that fostering a student's ability to learn requires advanced security and guaranteed system uptime. Sentia therefore provided water-tight identity and access management, ensuring the safety of users' personal data. Capacity is designed to scale alongside demand, so the platform keeps performing, even in peak times. A dedicated team of architects and engineers moreover monitor, guard and manage the platform continuously to ensure it's always up and running.

Managed Security and Compliance

Identity and access management

On-demand scalable infrastructure

Continuous performance monitoring

E-learning available 99.99% of the time

OUTCOME

A platform to count on

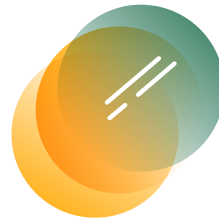
The online learning platform and all learning materials are highly secured, giving ThiemeMeulenhoff and their educational publishing partners the freedom to publish their learning materials with peace of mind. The platform is moreover 99.99% available and continuously monitored, so it can be relied upon by teachers and students for their educational needs, at all times.

"It is essential that these materials are secure and always accessible"

CHALLENGE

Assuring constant excellent performance

ThiemeMeulenhoff wants to assure the e-learning platform is optimally supporting students and teachers in their learning experience. The publisher therefore wants to know how the platform performs as well as the running of learning tools and applications, ensuring that, whenever a problem would arise somewhere along the chain, it can be quickly traced and expertly resolved.



SOLUTION

End-to-end user monitoring

Sentia configured the IT platform with multiple sensors to ensure the ongoing availability and performance of the new platform. The end-to-end user monitoring Sentia provides allows ThiemeMeulenhoff to know who is online when, and what materials are being used. Also, legacy applications are monitored by sensors Sentia has placed and schools using outdated teaching materials are promptly informed of expiring licenses.

Managed Application Continuity

Pro-active performance monitoring

End-to-end user monitoring

Continuous management 24/7

641 E-learning applications monitored 24/7

OUTCOME

Always one step ahead

The data derived from the platform and user monitoring is used to improve the performance of the platform. The monitoring moreover ensures educational publishers cannot remove outdated teaching materials from its portfolio that some schools may still work with, allowing ThiemeMeulenhoff applications to be phased out within the legally prescribed period of four years.



FUTURE

Leading the way with intelligent learning solutions

This spark of innovation led ThiemeMeulenhoff to evolve from a supplier of learning materials to a company offering intelligent learning solutions. Their new digital learning environment creates freedom; students can make selections, teachers can work with the systems they like, and ThiemeMeulenhoff is able to grow and light up the educational industry. All their growth has been made possible through the harnessing of a secure and stable IT infrastructure and a digital environment that is always accessible.

"We know Sentia is a partner we can trust and that this is a partnership we will build upon."

ThiemeMeulenhoff has big plans and believes in the power of combined digital and paper teaching aids. This can only be accomplished with a well-organised basis and an IT-infrastructure that fits the publisher's growth plans. The power of the Cloud has been discussed and, in conjunction with Sentia, they are working hard to make a gradual switch. Both partners decide jointly where new learning environments can be accommodated best; within the publisher's existing IT infrastructure or the Sentia Cloud.

Sentia's solutions for ThiemeMeulenhoff

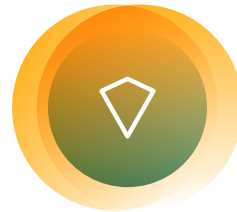


Modern Cloud Infrastructure

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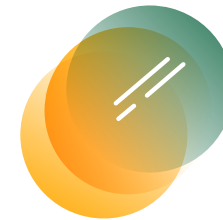


Managed Security and Compliance

Identity and access management

On-demand scalable infrastructure

Continuous performance monitoring



Managed Application Continuity

Pro-active performance monitoring

End-to-end user monitoring

Continuous management 24/7

We are Sentia

We are one of the leading companies in business-critical IT-outsourcing and Managed services in North-Western Europe. Our teams of cloud experts design, build and manage cloud services and combine these with 24/7 operations and support to guarantee performance. We take extreme ownership of your infrastructure, applications and workplace to ensure your business is always on. We lead the way, so you can lead your way.

ISO
27001

ISO
14001

ISO
9001

NEN
7510

ISAE
3402
TYPE II



20 years experience



+100 million turnover



430 people



Top-5 managed cloud provider in Europe



One team – local management & support



Official AWS & Azure Expert Managed Service Provider



In Denmark, Netherlands & Belgium - Global Reach



100% customer recommendation - GIARTE



You have a vision
We help you spark it into action

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