### **opentext**<sup>™</sup>

**SUCCESS STORY** 

#### **Philips Healthcare**

#### **Industry**

Healthcare

#### **Solution**

OpenText<sup>™</sup> Exceed<sup>™</sup> TurboX

#### **Results**



Connected multiple systems to enhance delivery of oncology treatment



**Ensured high-quality remote graphics** for precise images and diagnosis



Increased security to protect patient data and critical applications

## PHILIPS

# Philips Healthcare advances patient care technology with a high-performance, remote access solution

Leading healthcare technology company transforms oncology treatment using OpenText Exceed TurboX to connect therapy planning solutions

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Simon Omer
Head of R&D
Philips Radiation Oncology, North America



Philips is a leading health technology company focused on making the world healthier and more sustainable through innovation. Committed to improving the lives of three billion people a year by 2030, Philips is a leader in diagnostic imaging, image-guided therapy, patient monitoring and health informatics, as well as consumer health and home care.

Philips Radiation Oncology provides end-to-end solutions combining diagnostic equipment with imaging and treatment planning software to hospitals and clinics around the world. The company offers innovative technology that improves the quality and delivery of cancer treatment while lowering costs. Juan Carlos Celi, Director of Product Portfolio Treatment Planning Systems for Philips Radiation Oncology, described Philips' use of technology to transform the delivery of healthcare. "The integration of solutions has become necessary in healthcare. It doesn't matter if it is oncology, cardiology or neurology—the integration of machines with software and intelligent solutions is more and more typical."

Shawn Gibbons, head of the Platform Solutions Group for Philips Radiation Oncology, explained that integration is vital as users in different locations access systems remotely and patient data can remain fragmented in multiple applications. "The way healthcare is delivered now, it's not just a single location or even a single workstation. It is spread across multiple facilities and multiple caregivers alike. Physicians, nurses and other treatment staff need access to the patient data. And, when they do look at data, they're not looking at it from only one particular application, but across multiple applications."

To facilitate remote access to multiple healthcare solutions, Philips needed a partner with the technology to connect a broad landscape of IT ecosystems. Simon Omer, head of R&D at Philips Radiation Oncology, North America, described the requirements. "We are moving from a single product to a solutions space, which requires a strong integration of different components, products and offerings. These different components bring together a wide range of users who want to be able to access their systems from anywhere. They want to be able to connect every time with a high quality, secure and reliable connection. We needed a solution that satisfies these requirements."

"When we looked at OpenText Exceed TurboX, we tested several elements, including image performance. We wanted to make sure that we would get the best medical image quality. OpenText Exceed TurboX was superior to all the other products that we looked at, both in quality and even in severe network conditions."

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Philips Healthcare advances patient care technology with a high-performance, remote access solution

After evaluating other software applications, Philips chose OpenText™ Exceed™ TurboX, a web-based remote access solution for UNIX®, Linux® and Microsoft® Windows® desktops and applications. Philips is using the solution to provide remote access to its IntelliSpace Radiation Oncology platform, which offers a single integrated solution to enable doctors and clinicians to view, prescribe and plan treatments remotely over hospital networks, quickly and efficiently with increased diagnostic confidence.

Philips will rely on Exceed TurboX to provide security, performance and easy access to Philips software applications, enabling physicians to improve the quality and speed of patient treatment. "We want to offer capabilities to diagnose cancer much faster and much earlier," explained Omer. "Having a strong integration of components, with the ability to interconnect them and analyze the data that's been shared is really significant. With OpenText Exceed TurboX, we're able to connect so many different components and make them available to our users, even if they all run on different operating systems. We need access from basically any IT equipment. With OpenText Exceed TurboX, that is possible."

Exceed TurboX also meets Philips' strict requirement for high-quality remote display, which ensures accurate analysis of patient data and quick turnaround for doctors and clinicians who connect from remote workspaces. To prevent an incorrect diagnosis resulting from a poor-quality image, the solution offers pixel-perfect drawing and precise color rendering. "When we looked at OpenText Exceed TurboX, we tested several elements, including image performance."

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In addition, Exceed TurboX increases the security and privacy of patient data, by enabling strong encryption, integrated authentication and idle session logout for remote interactive sessions. It provides security on several levels to protect the system from internal and external attacks, keeping core applications in a central data center to ensure there is no unauthorized access. "We want to make sure that the connection is always secure and private," Omer noted. "With OpenText Exceed TurboX, we're able to provide high-level security, which greatly benefits our users."

As Philips looks forward to full deployment of the OpenText Exceed TurboX solution, the team sees opportunities to leverage the OpenText partnership to further help hospitals improve cancer treatment planning, through seamless integration of systems and tasks. "When we first started this journey with OpenText, we had a very specific need for access to applications for radiation treatment planning," said Gibbons. "As we move through our strategic plan, we've opened that portfolio up. We are now working on workflow engines, and we're looking at third-party integrations. We'll extend that further as we continue moving out into those broader areas in radiation oncology. That's where our partnership will continue to grow with OpenText."



#### **About OpenText**

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