

Energy and Utilities | Czechia

Building a more sustainable world

Photon Energy Group

To support clean energy projects across Czechia, Photon Energy Group equipped its teams with robust and performant Lenovo ThinkPad devices—empowering its 300 employees to work effectively whether they are in the office or out in the field.



Lenovo

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Customer background

Who is Photon Energy Group?

Headquartered in the Netherlands and with operations across 15 countries, Photon Energy Group is a group of companies with a shared mission: making clean energy, clean water, and clean environments accessible to everyone.

Through its Photon Energy business, the group delivers end-to-end solutions for efficient generation and use of clean energy, designing, building, and operating solar power plants and energy storage systems, and providing additional services, such as grid services and energy trading, that maximize the value of these assets. Through Photon Water, the group provides clean water solutions ranging from lake management and algae control to the treatment of drinking water and wastewater. And through Photon Remediation, the group delivers advanced environmental cleanup solutions to remove contamination and restore ecosystems.

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The challenge

Photon Energy Group is committed to building a better and more sustainable world for all. In Czechia, the organization is driving toward this goal through high-profile energy, water, and environmental projects.

Jan Černý, Head of Monitoring & Control at Photon Energy Group, says: “To carry out our mission, our teams work in a wide range of environments: from office locations to remote sites such as solar power plants, industrial customer facilities or remote remediation sites. Whether our teams are designing tomorrow’s energy infrastructure or monitoring and maintaining our existing energy assets, we aim to provide them with the digital tools they need to perform their work effectively and safely.”

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“Innovation is deeply embedded in our DNA—for example, our cutting-edge projects include a virtual power plant that aggregates and distributes renewable energy efficiently. So when our existing fleet of laptops and workstations approached end-of-life, we looked for a partner that shares our commitment to sustainability and innovation.”

Jan Černý

Head of Monitoring & Control, Photon Energy Group

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The
solution

Refreshing hundreds of devices

To refresh hundreds of endpoint devices across its Czechia business, Photon Energy Group engaged Lenovo Platinum partner M Computers s.r.o.

The company has deployed more than 300 devices in total, including high-performance [Lenovo ThinkPad E14](#) and [Lenovo ThinkPad X1 Carbon](#) laptops, Lenovo ThinkStation workstations, and Lenovo ThinkVision monitors.

Hardware

[Lenovo ThinkPad E14](#)

[Lenovo ThinkPad X1 Carbon](#)

Lenovo ThinkStation

Lenovo ThinkVision

3

The solution

Partnering for success

Working with M Computers s.r.o., Photon Energy Group analyzed the requirements and user personas of its employees and selected the optimal combination of laptops and workstations to support their specific requirements.

“It was a pleasure to work with M Computers,” recalls Černý. “The team gave us hands-on demonstrations of Lenovo solutions, which helped us choose the best devices for each group of users. The implementation process went very smoothly, and M Computers ensured that all the new solutions were delivered and ready to use on time.”

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“Many of our teams work outdoors exposed to the elements, and we were confident that Lenovo ThinkPad devices would perform very well in **rugged environments**. Sustainability was another important factor in our decision. Lenovo is committed to reducing its environmental impact by achieving **net-zero emissions by 2050**, and they’ve made that philosophy part of everything they do: including the design of their packaging materials, their construction practices, and their commitment to the circular economy.”

Jan Černý

Head of Monitoring & Control, Photon Energy Group

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The results

Today, more than 300 employees across Photon Energy Group in Czechia use Lenovo ThinkPad and ThinkStation devices to support their daily work.

“Whenever our teams are working, we have confidence that they are supported by modern, reliable technology from Lenovo,” says Černý. “We see that Lenovo solutions will help us support our sustainable energy mission for many years to come.”



High performance



Rugged, weather-resistant design



Delivered in sustainable packaging

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“We are a technology-driven company, and **innovation is key** to everything we do. By partnering with Lenovo, we can continue to **create new and more sustainable energy solutions.**”

Jan Černý

Head of Monitoring & Control, Photon Energy Group

Why Lenovo?

As well as closely aligning with its own corporate stance on environmental sustainability, Photon Energy Group felt that Lenovo offered one of the most comprehensive portfolios of laptop and workstation solutions.

“Our user groups have differing computing requirements in areas such as performance, mobility, and connectivity,” says Černý. “Lenovo had the perfect solution for each of our user groups: from field teams to our office-based engineers and designers.”

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“During this project, we supplied Photon Energy Group with more than 300 Lenovo laptops, workstations, and accessories. We are proud to be a **trusted and reliable supplier** to Photon Energy Group.”

 **mcomputers**

Petra Moravčíková

Business Manager, M Computers s.r.o.

How can companies help field teams work effectively?

Engineers at Photon Energy Group use rugged, high-performance Lenovo ThinkPad devices to drive sustainability success.

[Explore Lenovo ThinkPad Solutions](#)