

Academic Research | Spain

Finding new answers among the stars

Light Bridges

Spanish startup Light Bridges has its sights set on speeding up scientific research. With a new robotic telescopic array, backed by a world-class computing cluster from Lenovo and NVIDIA, it's helping astronomers to probe farther and faster into the cosmos.

Customer Problem

Modern telescopic arrays generate astronomical amounts of data. Light Bridges needed an efficient way to process and store this precious scientific information.

Lenovo Solution

The company partnered with Wesco to deploy an HPC cluster built on Lenovo ThinkSystem SR670 V2 servers with NVIDIA® HGX A100 GPUs and VAST Data Platform flash storage.

Business Impact

Up to 42 PB of potential capacity and blazing-fast compute performance help scientists to study more of the sky in less time and with greater detail than ever before.

Powered by



“Having Lenovo and Wesco by our side empowers Light Bridges for professional astronomy; our science-oriented capacities rely on their solutions and support.”

Dr. Miquel Serra-Ricart

Co-founder & CSO, Light Bridges



42 PB potential storage capacity



Seconds to run certain calculations



Accelerates vital scientific research



Lenovo