

labfolder and NEC announce smart and scalable data storage solution for research organizations

As scientists increasingly generate more data, large research institutions start facing a pressing need to manage research data efficiently. labfolder and NEC, two market leaders in their field, today announce a jointly developed solution to address this problem.

Berlin 07/17/18 [labfolder](#), a Berlin-based startup which developed an [electronic lab notebook](#) that makes it easier for scientists to record their findings and make new discoveries today announces a new collaboration agreement with NEC Deutschland GmbH, a global leader in the integration of IT and network technologies. Financial details were not disclosed.

Both companies address the needs of large research institutions by providing the IT infrastructure needed to manage their valuable data. This has increasingly become a hot topic for scientific research institutions: Scientists have now predicted for a number of years that genomics – the field of sequencing human DNA – will soon become one of the largest sources of data in the world. It is estimated that within the next decade, genomics alone will generate between 2 and 40 billion gigabytes a year. Such large quantities of data create major challenges to storing, managing and sharing the generated data.

NEC and labfolder have partnered up to provide a simple, cost-effective and scalable package solution to this problem. NEC provides the hardware, labfolder the software.

NEC offers research institutions a dockerized IBM Spectrum Scale implementation of its GxFS Storage Appliance, which can start from 30 TB and scales to 100+ PB. The design of the GxFS Storage Appliance was focused on data integrity with the use of mature components such as SANtricity-based SNA800 storage systems. Dr. Heiko Schäffer of NEC stated: “the new GxFS system enables research organizations to achieve market-leading availability, performance and security”.

labfolder provides research data management software in the form of a digital lab notebook, supporting scientists in their quest to make groundbreaking scientific discoveries. labfolder’s software as a service makes it easier to record, retrieve, share, discuss and validate research data as a team. “labfolder is used by more than 20,000 academic, industrial and pharmaceutical scientists in research and development (R&D), analysis, and production labs”, said Dr. Florian Hauer, co-founder and CPO of labfolder.

“labfolder’s platform, together with NEC GxFS Storage Appliance, allows laboratories to optimize their data management processes. The ability to handle big data in science has become a key challenge of size and complexity”, affirms Dr. Hauer. Schäffer, calling the

partnership between NEC and labfolder “a large value driver for research institutions.” For more information on labfolder or a consultation please visit www.labfolder.com/nec/ .

Press kit

Link to photos, videos and screenshots: [\[link\]](#)

About labfolder GmbH

[labfolder](#) provides a well-designed electronic lab notebook for research teams, supporting scientists in their quest to make groundbreaking scientific discoveries. labfolder’s software as a service (SaaS) makes it easier to record, retrieve, share, discuss, & validate research data as a team.

labfolder is used by more than 20,000 international scientists in all disciplines. It is used in academia as well as by industrial and pharmaceutical scientists in R&D, analysis, and production labs. To learn more about electronic lab notebooks, please visit: <https://www.labfolder.com/electronic-lab-notebook-eln-research-guide/>

labfolder was founded in 2013 by molecular biologist Simon Bungers (CEO) and biophysicist Florian Hauer (COO), who were later joined by Yannick Skop (CCO) and Mario Russo (CTO).

The increasing demand of digital solutions for managing growing amounts of scientific data in a regulated environment has resulted in the continuous growth of labfolder, which is supported by investors such as Peppermint Ventures, the IBB Beteiligungsgesellschaft, Vogel Ventures and a consortium of other expert business angels.

Press contact

Dr. Simon Bungers

☎ +49 (0) 30 86459390

☎ +49 (0) 177 6014270

✉ sb@labfolder.com

Press contact

Anne Hennecke

MC Services AG

☎ +49 (0) 211 529252 22

✉ anne.hennecke@mc-services.eu

Web & Social Media

Web: www.labfolder.com

Blog: www.labfolder.com/blog

Twitter: [@labfolder](https://twitter.com/labfolder)

LI: [linkedin.com/company/labfolder](https://www.linkedin.com/company/labfolder)

FB: facebook.com/labfolder

Address

labfolder GmbH

Elsenstr. 106

12435 Berlin

Germany

About NEC

[NEC Deutschland GmbH](#) is a wholly owned subsidiary of NEC Europe Ltd. and is a leading provider of HPC solutions, focusing on sustained performance for real-life scientific and engineering applications. To achieve this goal NEC delivers technology and professional services to industry and academia. Linux-based HPC clusters as well as high-end vector systems meet the different needs of different customers in the most flexible way. Energy-efficiency is one of the key design objectives, addressed by advanced cooling technologies or by the high-bandwidth vector-architecture. The service capabilities from the operation of complex systems to the optimization of scientific codes and NEC’s storage-appliances complete the solution offering.

NEC Corporation is a leader in the integration of IT and network technologies that benefit businesses and people around the world. By providing a combination of products and solutions that cross utilize the company’s experience and global resources, NEC’s advanced technologies meet the complex and ever-changing needs of its customers. NEC brings more than 100 years of expertise in technological innovation to empower people, businesses and society. For more information, visit NEC at <http://www.nec.com>.

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