



SustainTech 2024 and Swiss Vault PRESS RELEASE

Swiss Vault wins the IEEE's 2024 SustainTech Leadership Award with its Groundbreaking Innovative Sustainable Data Storage Solution

San Diego, CA, 27 August.2024—The **IEEE Society's 2024 SustainTech Leadership Conference** has selected **Swiss Vault's** cutting-edge Sustainable Data Storage Technology as the winner of its **2024 SustainTech Award**. It was selected by a panel of distinguished Jury and by the Audience vote. Swiss Vaults' Software, Vault File System, and Hardware servers, reduce energy consumption by 50% or more for data storage, and reduce data volumes and server footprint, allowing more data to be stored in less space, with less energy and lower costs. The innovation marks a significant leap forward in sustainable data management, promising to drastically reduce the environmental impact of data centers worldwide.

The event was held by four separate IEEE societies: **Power and Energy Society (PES)**, **Computer Society**, **Signal Processing Society (SPS)**, and **Communications Society (ComSoc)**. The purpose of the 2024 inaugural event is to bring change-makers together to focus on sustainable technology solutions. The IEEE SustainTech event brought together corporate executives, sustainability officers, technologists, futurists, government, and regulatory representatives to forge a path to implement solutions covering the following areas:

- Smart Cities and their development
- Virtual power plants
- Carbon Neutrality
- Navigating Green Regulations
- Innovations in Sustainable Data Centers

IEEE SustainTech's Jury and the Audience's Choice award to Swiss Vault underscores the importance of data as a critical infrastructure to the global economy. It acknowledges that current data center methods and practices are not sustainable. To solve our data storage needs, we cannot merely scale-up current solutions. The data storage industry needs to think in a new way.

Swiss Vault has built disruptive data storage software and hardware for the global data storage market. The Vault File System (VaultFS.io) software reduces energy and e-waste by 50% or more. Their hardware data storage servers reduce storage's physical footprint by 5X, and combined with the software, increases data throughput speeds by 10X or more. Swiss Vault's technology focus is Sustainability - reducing energy & CO2 emissions by 50%+, extending server life-time by 3x to reduce e-waste, and overall reducing OPEX and CAPEX costs by 50% or more. They are leading the market for data sustainability.

"The World's data is growing at an astonishingly high rate, and we need to address the demand for construction of data centers, energy, infrastructure with more efficient solutions. Swiss Vault presented game changing technology solutions that reduce energy, materials, and can change the way we manage data." Farzin Shadpour, IEEE SustainTech Program Leadership Board and Managing Director of San Francisco Ventures



The CEO and co-founder of Swiss Vault, Bhupinder Bhullar, stated emphatically, “We are thrilled to be IEEE SustainTech’s first winner of its Leadership award – particularly because the IEEE represents engineering visionaries and leaders that are building our modern digital world.”

The implications of Swiss Vaults’ data storage solutions are global. The team continues to disrupt today’s mass storage status quo, and to push the boundaries of what’s possible for sustainable and efficient data management. As data centers around the world face increasing pressure to minimize their environmental impact, Swiss Vault’s pioneering work sets a new standard for what can be achieved through innovation and collaboration. Together with its evolving base of partners and clients, Swiss Vault is enabling data management and helping to sustain the future of our planet.

About IEEE

The Institute of Electrical and Electronics Engineers (IEEE) is an American 501(c)(3) professional association for electronics engineering, electrical engineering and other related disciplines. The IEEE traces its founding to 1884 and the American Institute of Electrical Engineers (AIEE). In 1912, the rival Institute of Radio Engineers (IRE) was formed. The AIEE and IRE merged in 1963 as the IEEE. As of 2023, IEEE has over 460,000 members in 190 countries, with more than 66 percent from outside the United States

About Swiss Vault

Swiss Vault is a deep-tech company at the forefront of innovation in data storage solutions. Specializing in software-defined data management and innovative low-cost servers, Swiss Vault is committed to creating sustainable, efficient, and resilient storage technologies that help companies reduce their carbon footprint and electronic waste.

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