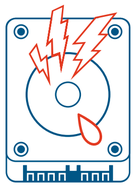
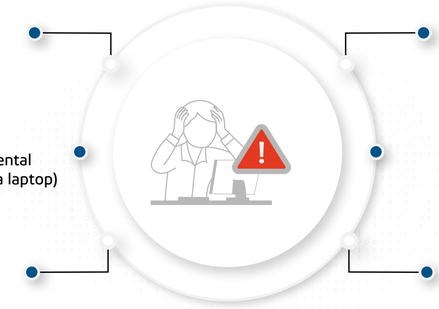
The Real Cost of **LOSING DATA**



What Happens **WHEN CRITICAL ENGINEERING DATA IS LOST**

Engineering and manufacturing organizations depend on digital data to design, build, and deliver products. When that data is lost, incomplete, or unreliable, the cost is felt through rework, recovery effort, and reduced productivity.

Common Causes of **DATA LOSS**



40%
Hardware Failure (power surges)

30%
Human error (accidental deletion, dropping a laptop)

13%
Corrupt software

9%
Theft of hardware

6%
Computer viruses

2%
Hardware destruction (flood, lightning, fire)

WASTING TIME Searching for Files

Engineers spend up to **23% of their time** searching for data.
(Source: McKinsey)

LOST DATA Creates Engineering Rework

Engineering teams frequently spend an entire day each week on non-value-added management, recreating lost data instead of focusing on design work.
(Source: Tech-Clarity, Non-Value-Added Time in CAD Design, 2024)

Organizations that suffer from data loss or unreliability experience

- Reduced Productivity
- Increased Rework
- Delayed Decision-making

significantly increasing the time and costs associated with data issues.

Incomplete Recovery **EQUALS PERMANENT DATA LOSS**

A substantial portion of lost data is never restored successfully due to:

- Corruption
- Configuration issues
- Missing files

(Source: Unitrends, State of Backup & Recovery, 2024–2025)

Ensuring the **PROTECTION OF DATA**

Data loss is a frequent problem, and recovering lost information is not always possible. When engineering and business data are lost or unrecoverable, organizations face several consequences, including rework, reduced productivity, and delays in progress.

To effectively manage the high costs of data loss, organizations need to make data protection a top priority.

This involves creating comprehensive data management strategies that safeguard important information while ensuring its integrity and accessibility. By tackling potential vulnerabilities, they can reduce the financial impact of data loss and:

Maintain smooth operations

Build trust with clients & stakeholders

Secure valuable assets

LEARN MORE: Protect your data with SOLIDWORKS

SOLIDWORKS