

**datto**  
EBOOK

# MANUFACTURER?

Protect Your Company by Adding Business  
Continuity to the Assembly Line



## In the Manufacturing industry, downtime comes with costs from all directions.

As a manufacturer, you're producing real, tangible products each and every day. Your company's ability to produce high volumes at low costs can determine where you fall among your competitors. In the age of technology, your equipment relies heavily on the computers configuring their behavior. What would happen if those systems became compromised? How long could you afford to halt production?

In the Manufacturing industry, downtime comes with costs from all directions. If production stops, you'll likely be paying a lot of employees who are standing around, waiting for a solution. The inability to fill quotas can impact sales. This can also damage your reputation as customers are unable to place orders.

Like any other business, manufacturers are vulnerable to fire, flood, severe weather, power outages and any other calamity that could take systems offline and/or wipe out valuable data. Additionally, there's the risk of human error that comes into play, which is when your own employees make mistakes or take malicious actions. For manufacturers specifically, the loss of intellectual property data can greatly hamper a business.

### A False Sense of Security

While you may be taking some precautions, such as securing and backing up your sensitive data, sometimes that's not enough. There is a common misconception that data is safe if backed up once a day, but this outdated practice is no longer sufficient for several reasons:

- If you forget to perform the backup or the backup process fails, you're not protected.
- If you only back up your files once a day, you're left vulnerable to the loss of an entire day's work.
- If you don't properly validate your backup files, you could be in for an unpleasant surprise when you actually try to use those files to restore your company's operations.
- If you only back up your files on-site, you could lose them too—leaving you with no way to restore production.
- If you only back up your raw data, rather than all your application and server configuration files, it could take several days to restore your business —because you will also have to rebuild your servers, operating systems, applications, etc.

Some manufacturers are turning to business interruption insurance to cover the costs to rebuild, restore, or regain lost income. However, while an insurance provider may write you a check for the cost of a server that gets damaged because of a broken pipe, it won't shield you from damaged or lost client relationships. Ultimately, your reputation isn't something for which you can easily be compensated.



## US businesses lose \$12 billion annually due to data loss.

Beyond Technology

### How Vulnerable Are You?

If your company identifies as a business that doesn't have the IT resources to effectively recover from a major outage, make sure you're weighing all of the factors around the costs of downtime. Here are the facts:

- US businesses lose \$12 billion annually due to data loss.<sup>1</sup>
- 93% of companies that lose their data center for 10+ days file for bankruptcy within one year.<sup>2</sup>

### Best Practices for Manufacturers

In a survey by Kaspersky Lab, manufacturers reported "Internal Operational Information" and "Intellectual Property" as data they would most fear losing<sup>3</sup>. Among the causes of recent data loss, malware was the the most common. Following malware, software vulnerabilities, network intrusion, and targeted attacks were all mentioned. Here are some tips to help your business avoid costly downtime:

- Outsource your company's IT needs to an expert who has experience in the manufacturing industry.
- Don't sacrifice quality to save money when purchasing hardware. It will benefit you (and your bottom line) to have strong technology in the long-run.
- Perform timely hardware and software updates, maintenance and backups.
- Establish, review and maintain system security of all company technology.

Any company that has not recently re-assessed its backup and disaster recovery procedures should therefore do so in order to conform to these industry-standard best practices.

Here's what some managed service providers have to say about the need for a strong business continuity solution in the manufacturing industry:

"Manufacturing companies count on reliable and predictable networks to support production and business process. Manufacturing companies that don't completely manage their business continuity plan run the risk of downtime and lost productivity." -Kyle Hamilton, Vice President, Opt-vise IT

"Manufacturing companies are under enormous competitive pressures and face skyrocketing healthcare and labor costs. Downtime, where a manufacturing company cannot continue to operate, produce and ship orders, results in devastating effects on the bottom line. A business continuity solution that allows companies to continue to produce work orders and shipping tickets can be the difference between a successful year and one that ruins a division or company." -Dale Shulmistra, Principal & Co-Founder, Invenio IT



**A true business continuity solution will protect data on-premises in physical and virtual servers and in the cloud.**

## The Better Way: Business Continuity

Business continuity describes a complete solution for backup and disaster recovery. A true business continuity solution will protect data on-premises in physical and virtual servers and in the cloud. Whether data is on servers or in SaaS applications, it needs to be backed up. Business continuity goes a step further and offers you the ability to restore your data, which we call disaster recovery.

Whether a business is faced with a natural disaster, or one man-made, a strong solution will have you up and running in minutes. Solutions that leverage the hybrid cloud can guarantee a quicker restore time as well. Why? Local backups are great to keep data stored on local devices, but if something happens to that device, then what? A hybrid cloud backup solution takes an initial backup on a local device, and then replicates the backup to a cloud server. Cloud-only solutions are not as reliable on their own due to bandwidth issues. A hybrid model works to alleviate the vulnerabilities by implementing both processes to fill in the gaps. That's intelligent business continuity.

## Total Data Protection with Datto

Have confidence that your business is protected against any outage resulting from a disaster. Never worry about the potential financial consequences of such a disaster. Protect your business data no matter where it lives with Total Data Protection from Datto.

Datto differentiators include:

- Innovative proprietary technology, such as Inverse Chain Technology and Screenshot Backup Verification.
- Lightning-fast data restore - average of 6 seconds.
- Award-winning 24x7x365 tech support. Datto's around-the-clock support means you're guaranteed assistance, even during off-peak times.

It's time to safeguard the credibility of your company the same way you safeguard the credibility of your clients. Investing in intelligent business continuity with Datto is an investment in your business' future.

## About Datto

Datto is an innovative provider of comprehensive backup, recovery and business continuity solutions used by thousands of managed service providers worldwide. Datto's 180+ PB private cloud and family of software and hardware devices provide Total Data Protection everywhere business data lives. Whether your data is on-premises in a physical or virtual server, or in the cloud via SaaS applications, only Datto offers end-to-end recoverability and single-vendor accountability. Founded in 2007 by Austin McChord, Datto is privately held and profitable, with venture backing by General Catalyst Partners and Technology Crossover Ventures. In 2015 McChord was named to the Forbes "30 under 30" ranking of top young entrepreneurs. To learn more, visit [www.datto.com](http://www.datto.com).

Sources: <sup>1</sup>Beyond technology, <sup>2</sup>National Archives & Records Administration, <sup>3</sup>Kaspersky Lab

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### Corporate Headquarters

Datto, Inc.  
101 Merritt 7, Norwalk, CT 06851  
United States  
partners@datto.com • www.datto.com  
888.294.6312

### Regional Offices

Norwalk, CT	888.294.6312
Boston, MA	800.571.4984
Toronto, CAN	877.811.0577
Reading, UK	+44 (0) 118 402 9606

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