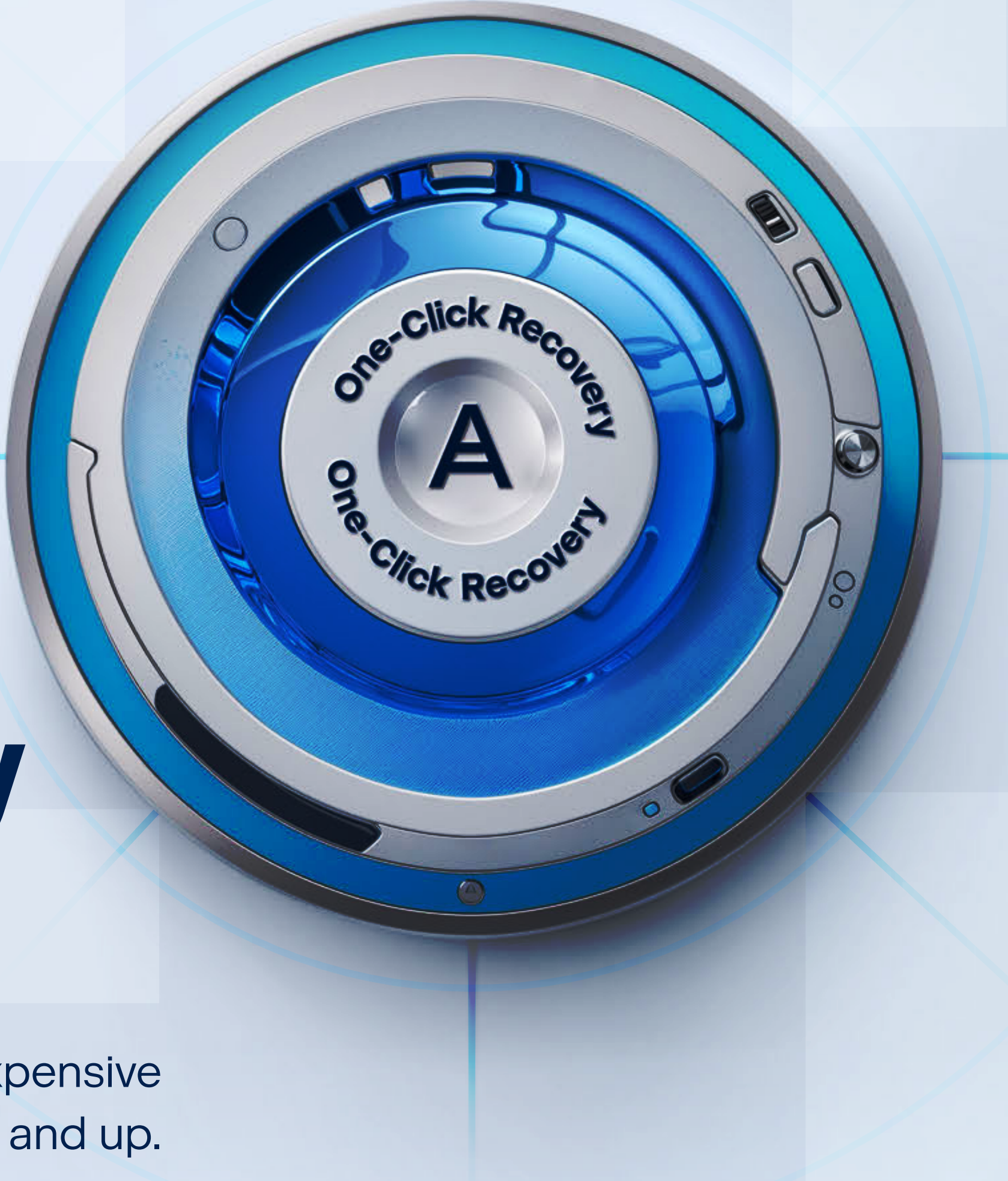
Acronis

Maintaining operational technology (OT) uptime with One-Click Recovery



The manufacturing sector faces some of the world's most expensive downtime costs, estimated at $1 million – $5 million per hour and up.

The cost of an hour's downtime in an automotive plant is now estimated at more than $2 million and growing.

$2M[1]

A common source of outages is the failure of computers used to control operational technology (OT) systems in locations without local IT support. Causes may include hardware failure, a software anomaly or a cyberattack such as ransomware.

75%

of companies using OT reported a cybersecurity intrusion (ransomware, malware or phishing) in the past year.[2]

Ransomware remains the most widespread and destructive malware attack on enterprises

Company	Industry	Date of attack	Cost
UnitedHealth Group	Health care	April 2024	$900 million and counting
MGM	Hotels and casinos	October 2023	$100 million
KNP	Transportation and logistics	September 2023	Company bankruptcy
Clorox	Consumer packaged goods	August 2023	$356 million

Acronis One-Click Recovery enables a local non-IT worker to restore a failed computer simply and quickly, enabling fast resumption of operations and minimizing costly downtime to a matter of minutes.

Acronis One-Click Recovery

Enterprises in a broad range of industrial settings — including automobile manufacturing, oil and gas production, pharmaceutical manufacturing, power generation, transportation and logistics and chemical manufacturing — rely on Acronis One-Click Recovery. This unique solution enables non-IT workers to quickly restore computers that control OT in a matter of minutes from outages of any kind.

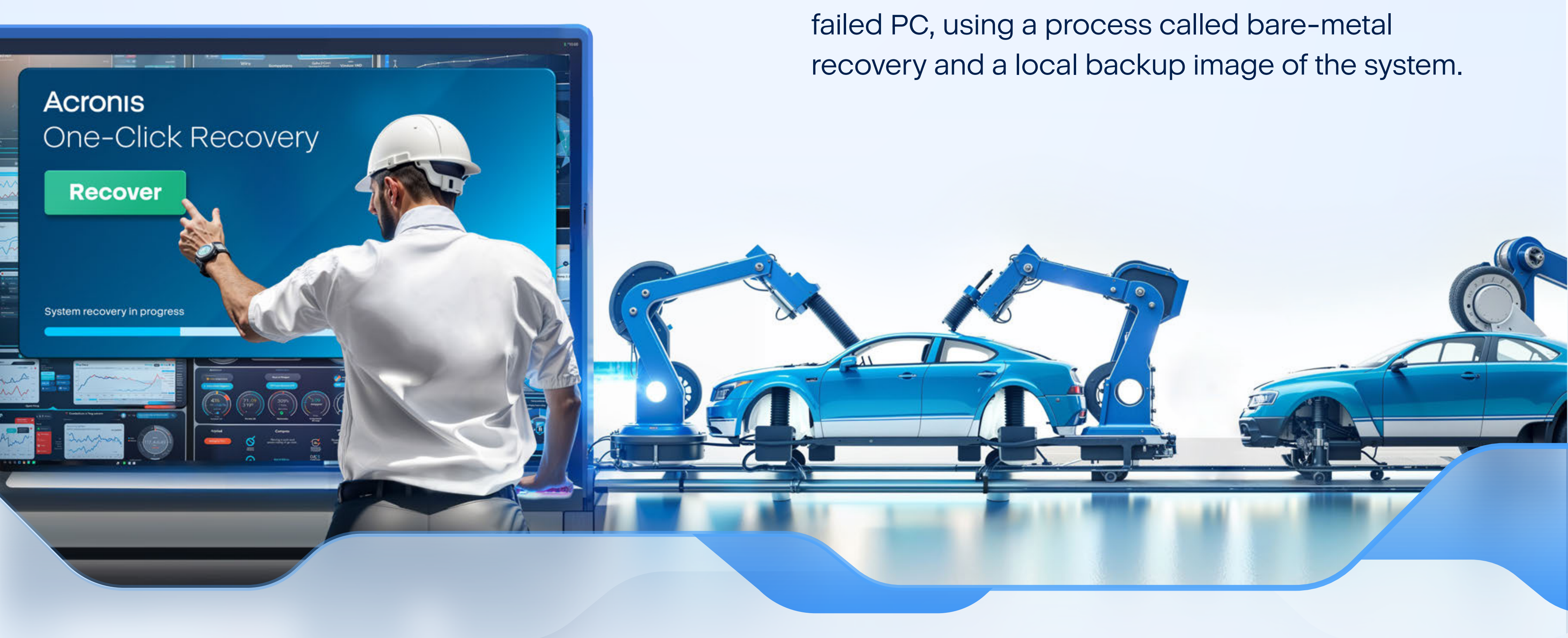
One-Click Recovery in a highly automated automobile factory that makes extensive use of industrial robots and other OT

The failure event

When a PC controlling OT fails, the robots cannot function, and the assembly line grinds to a halt. There are no IT personnel on-site, only plant workers and OT engineers. Centralized IT staff cannot use remote monitoring and maintenance (RMM) tools to solve the problem, as the OT and IT that controls it are air-gapped, with no connections to the company's private network or the internet.

Acronis One-Click Recovery in operation

Acronis One-Click Recovery enables a local worker to initiate the process of rebuilding the failed PC, using a process called bare-metal recovery and a local backup image of the system.



Resumption of operations

The problem PC becomes operational again in a matter of minutes, which lets the OT it controls and the associated assembly line to quickly resume operations. This minimizes costly production downtime and avoids the expensive, time-consuming dispatch of an IT staffer to the plant.

Learn more

To learn more about how Acronis One-Click Recovery can protect your business against costly industrial downtime, take advantage of the following complimentary resources:

- Acronis cyber protection solutions for manufacturing
- OT vendor ABB uses Acronis to protect its industrial customers' uptime
- Schedule a 1-on-1 consultation with an Acronis solutions engineer

About Acronis

Acronis is a global cyber protection company that provides natively integrated cybersecurity, data protection, and endpoint management for managed service providers (MSPs), small and medium businesses (SMBs), and enterprise IT departments. Acronis solutions are highly efficient and designed to identify, prevent, detect, respond, remediate, and recover from modern cyberthreats with minimal downtime, ensuring data integrity and business continuity. Acronis offers the most comprehensive security solution on the market for MSPs with its unique ability to meet the needs of diverse and distributed IT environments.

A Swiss company founded in Singapore in 2003, Acronis has 45 locations across the globe. Acronis Cyber Protect Cloud is available in 26 languages in 150 countries and is used by over 20,000 service providers to protect over 750,000 businesses. Learn more at www.acronis.com

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[1] Report from Siemens Senseye, "The True Cost of Downtime 2022".
https://assets.new.siemens.com/siemens/assets/api/uuid:3d606495-dbe0-43e4-80b1-d04e27ada920/dics-b10153-00-7600truecostofdowntime2022-144.pdf

[2] Fortinet. "Fortinet Global Report Finds 75% of OT Organizations Experienced at Least One Intrusion in the Last Year." May 24, 2023.
https://www.fortinet.com/corporate/about-us/newsroom/press-releases/2023/fortinet-global-report-finds-75-percent-ot-organizations-experienced-intrusion-last-year