

The new KPIs of cyber resilience

Traditional recovery metrics measure speed and data loss. Modern threats require KPIs that measure clean recovery and acceptable disruption.

Why legacy KPIs fall short

Legacy KPIs

RPO

recovery point objective

How much data loss is acceptable.

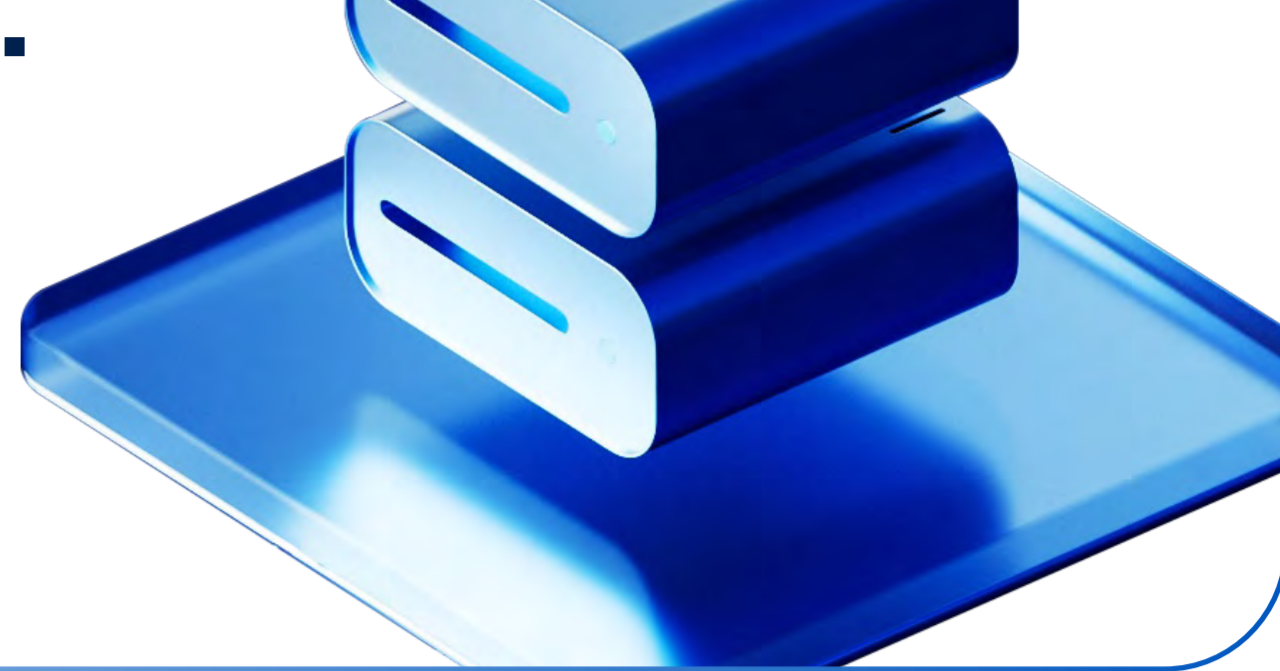
RTO

recovery time objective

How fast systems must be restored.

A fast recovery that restores an infected system is still a failure.

These KPIs were created for hardware failures and natural outages. They do not account for attacks that compromise system integrity.



The modern KPIs — MTCR and MTD

KPI	MTCR	MTD
Full name	Mean time to clean recovery	Maximum tolerable disruption
Definition	The time required to restore a verified, malware-free environment	The longest a business can remain offline or degraded before the impact becomes unacceptable
Why it matters	Ensures the restored system is uncompromised and safe to use	Aligns recovery decisions with business impact

Old model vs. resilience model

Legacy model

RTO

RPO

Resilience model

RTO

RPO

MTCR

MTD



Modern recovery requires both speed and trustworthiness.

Downtime destroys productivity

23 days

Average ransomware downtime¹

76%

Organizations reporting significant productivity loss after an incident²

30%

Time spent responding to IT disruptions annually³

1.5-3 hours

Productivity lost daily due to tool sprawl⁴

Downtime and fragmented stacks directly undermine technician efficiency and business productivity.

Why MTCR improves technician efficiency

Clean recovery reduces technician workload:

- ✓ No reinfection cycles
- ✓ No repeated restores
- ✓ Less time spent switching between tools
- ✓ Shorter investigation and triage
- ✓ Faster return to stable operations
- ✓ Higher endpoint capacity per technician

Reducing MTCR multiplies technician output across every client and environment.



How a unified platform lowers MTCR and MTD

Capabilities that reduce recovery time and disruption:



AI-assisted ransomware defense



AI-powered backup validation



Isolated recovery testing



Integrated protection, detection and recovery workflows

Unified architecture accelerates clean recovery and shortens business disruption.

Cyber resilience is not just about protection

Cleaner recovery → Less rework

Lower downtime → Higher productivity

Unified operations → Faster MTCR

Better continuity → Stronger client outcomes

See how Acronis can help you anticipate threats, withstand attacks, recover faster and adapt for the future.

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