XAUTOMATA

The Operating System for Autonomous Enterprise

From Autonomation to Autonomy

Managing the Complexity of IT and Cloud Systems

Today’s Automation is Not Enough: The Trust Gap

Despite years of AI, detection tools and automation spend, enterprises still lose margin to operational inefficiencies that automation alone cannot fix. The root causes are:

- **Fragmented Intelligence**: Tools fail to share context or decision logic across IT, OT, and Security.
- **Reactive Operations**: Detection happens without governed action; issues are addressed only *after* business impact.

You can’t automate what you can’t trust to be safe, compliant, and auditable. This gap is where risk multiplies, and efficiency dies.

It Creates an “Automation Tax”

+ 15-25%

Overhead in IT/Operations tied to manual triage and «automation sprawl».

5-15%

Margin leakage from rework, downtime, and poor cross-system coordination.

3-4%

Wasted capex/energy from sub-optimal schedules and reactive fixes.

$ 4,4M

The global average cost of a data breach, in USD, a 9% decrease over last year - driven by faster identification and containment.

IBM (Report Cost of a Data Breach 2025)

$ 125,000

Outages cost typical industrial business **$125,000 per hour**

ABB survey report 2023

The Engine for Autonomous Enterprise

The Strategic Outcome: **Resilience & Efficiency through Auditable Autonomy**

Data Ingestion

(Unified Visibility)

- ❖ Ingests IT & OT data (Observability, Security Detection, IoT, Cloud)
- ❖ Real-time Digital Twin
- ❖ Cross-domain context

Simulation & Reasoning

(Intelligent Simulation)

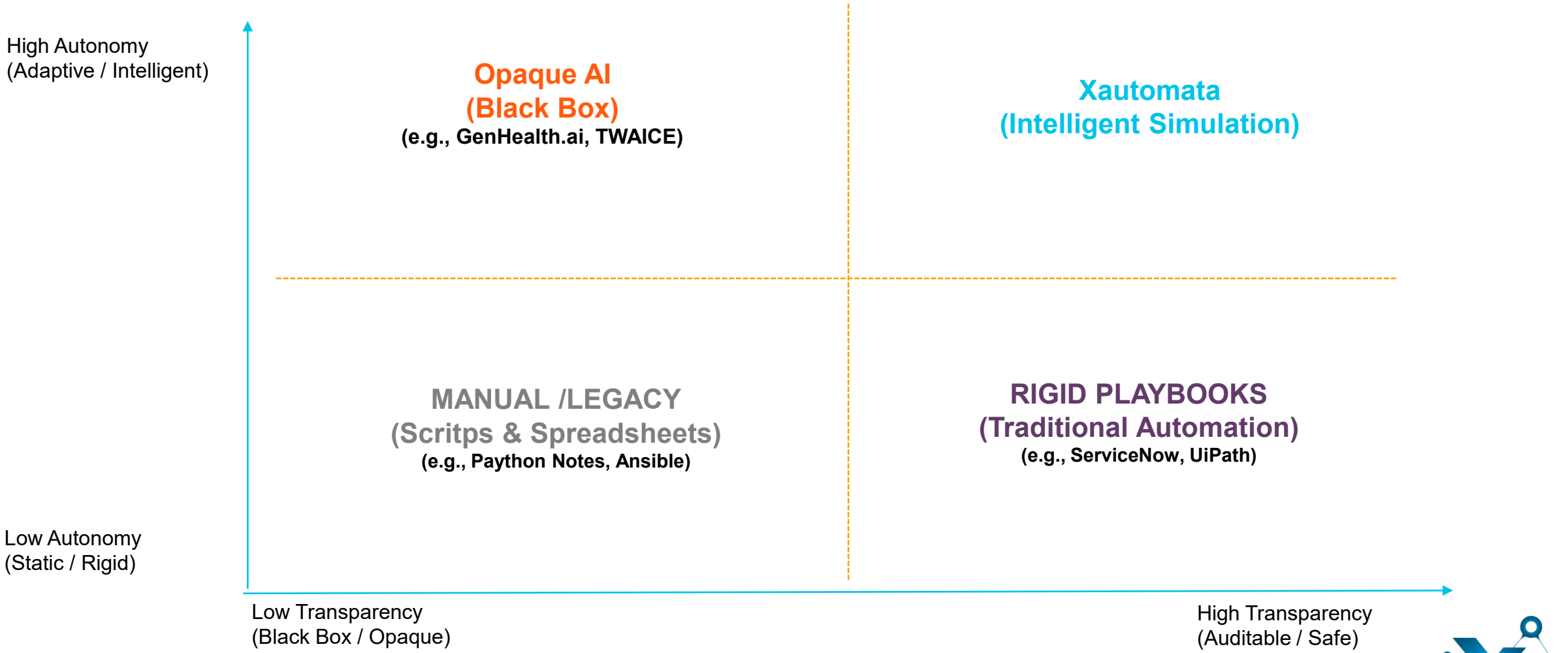
- ❖ XAL Behavioural Model: Simulate infinite scenarios
- ❖ Deterministic Governance: Safety & Compliance
- ❖ No “Hallucinations”

Actions & Remediation

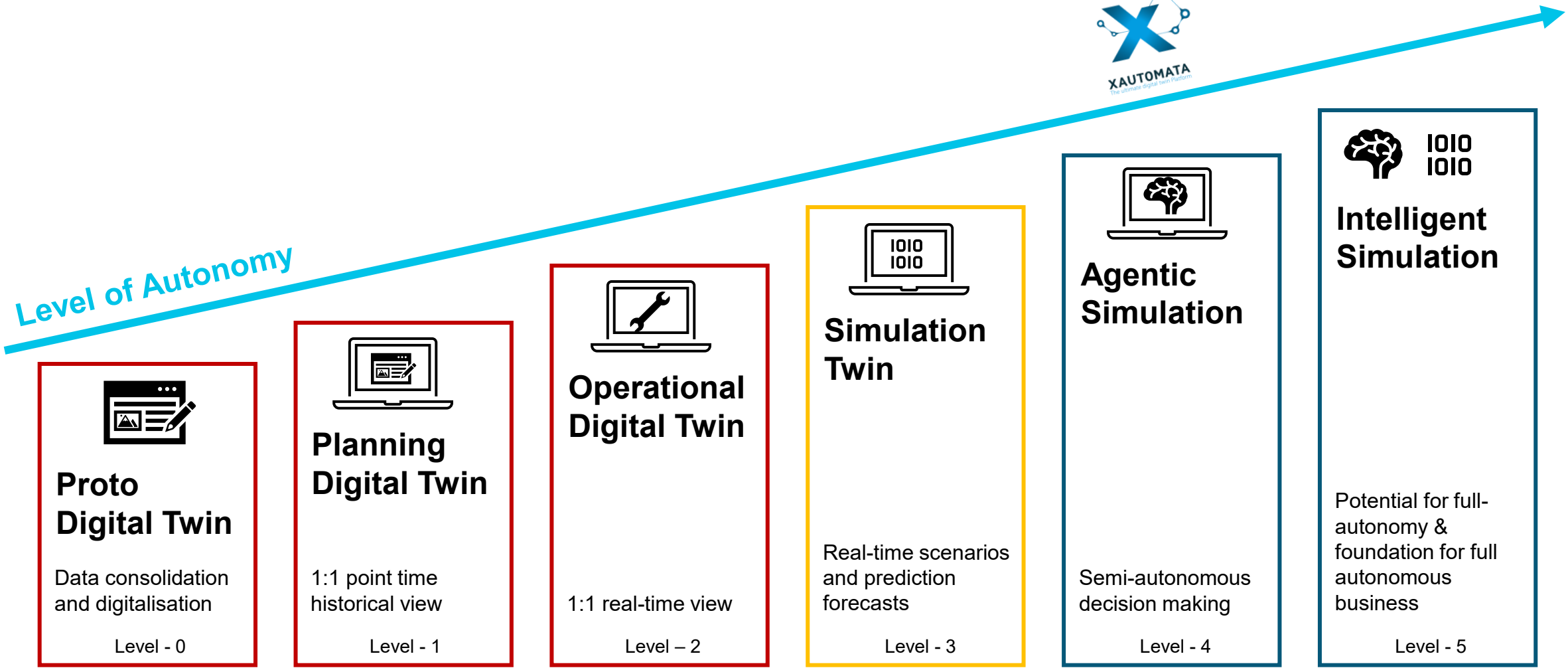
(Automated Remediation)

- ❖ Multi-Agent System: Autonomous execution
- ❖ Self-Healing: Fix before impact
- ❖ Feedback loop

Beyond the Black Box: Solving the Autonomy Paradox



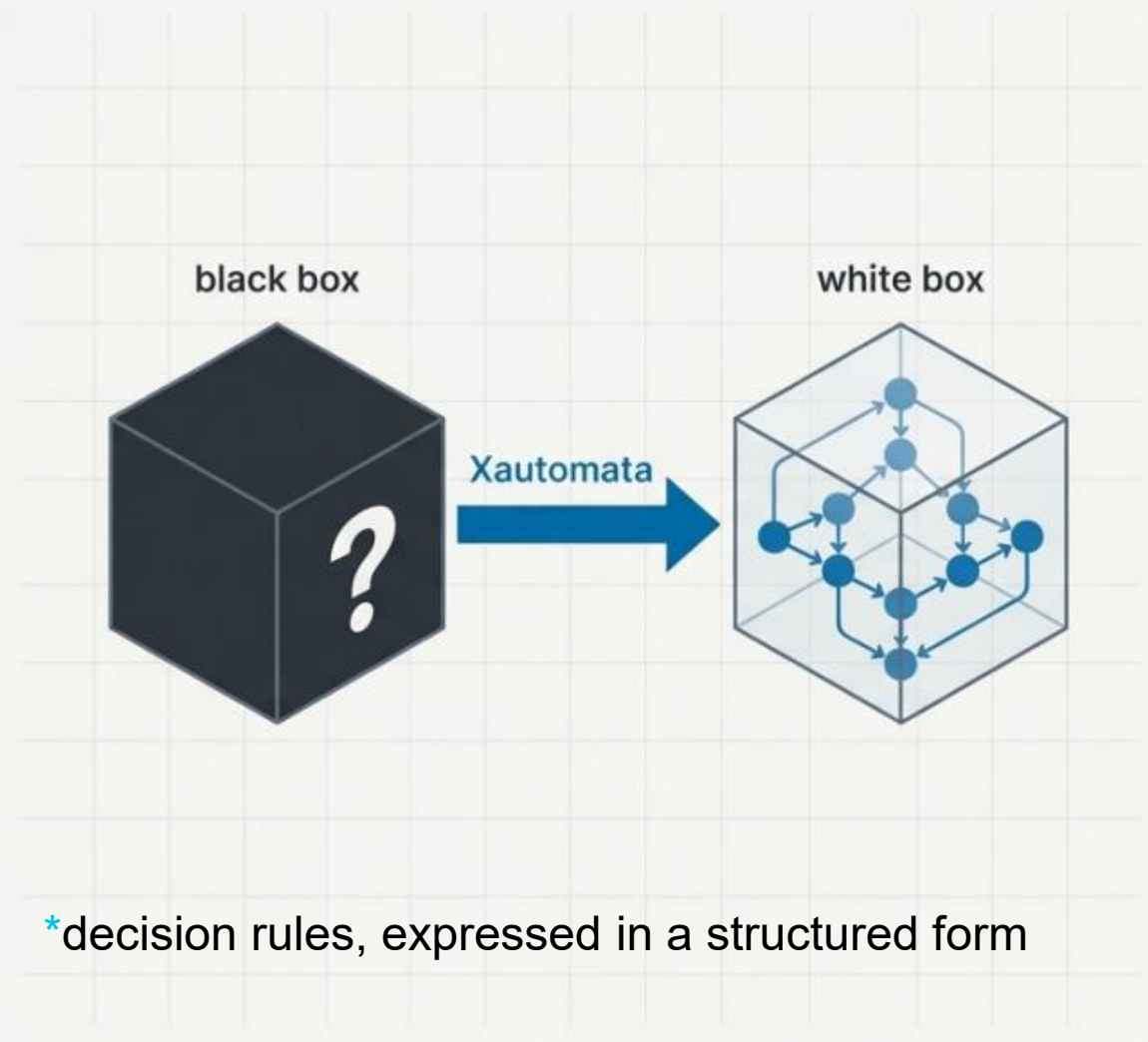
Intelligent Simulation Technical Functionality Roadmap



Source: Gartner (15 August 2025 - ID G00813153 - Emerging Tech: AI Vendor Race: Conquer Complexity, Deliver Value and Drive Revenue Using Intelligent Simulations)

The Power of Deterministic Governance

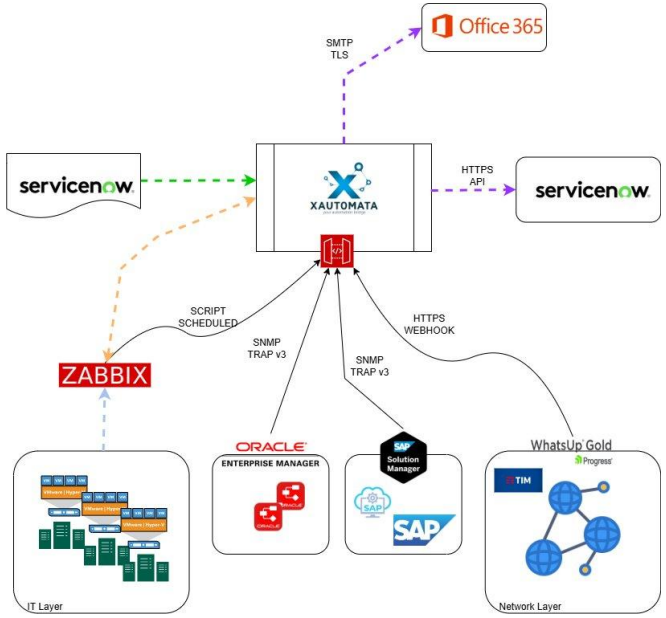
At our core is a white-box approach. Unlike opaque AI, our system's logic is transparent and based on explicit **Behavioral Models (Copyright*)**. We validate the full context of every threat *before* acting, ensuring every automated remediation is safe, compliant, and **completely auditable**.



SUCCESS CASE

An Italian public company operating in the **shipbuilding sector**. It is the most important naval group in Europe and the fourth largest internationally.

The introduction of the **digital twin** in the insurance process **has yielded** concrete benefits, measurable both in terms of **operational efficiency and economic return**. Performance indicators confirm the strategic value of the transformation undertaken.



The proactivity and efficiency of ticket triage translate into improved performance:

- 57%

The number of tickets opened per year corresponds to approximately €200,000 in savings.

+ 15%

An increase in tickets resolved on the same day they are opened, resulting in an immediate improvement in the team's productivity.

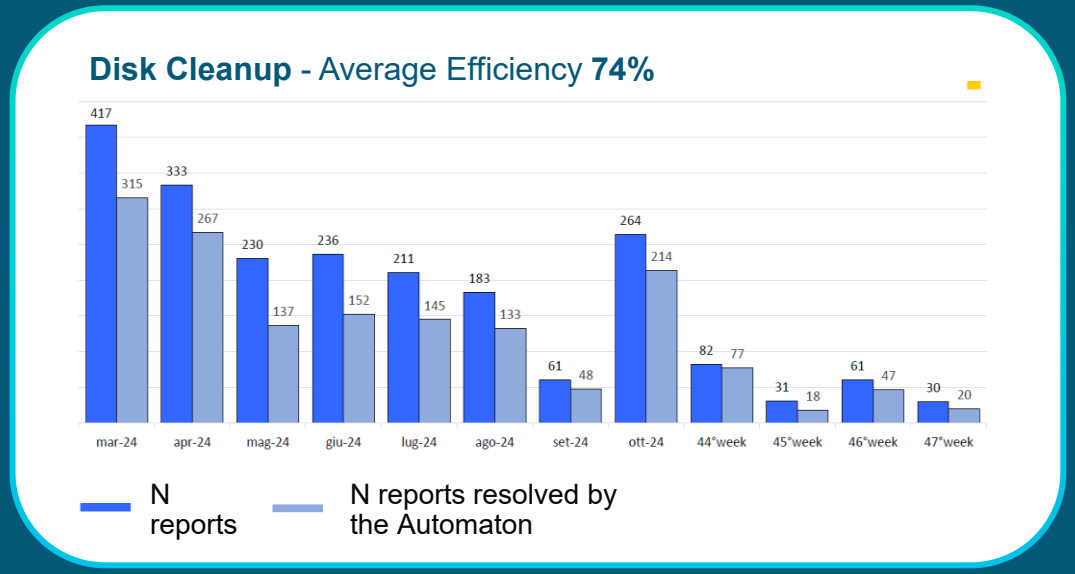
SUCCESS CASE

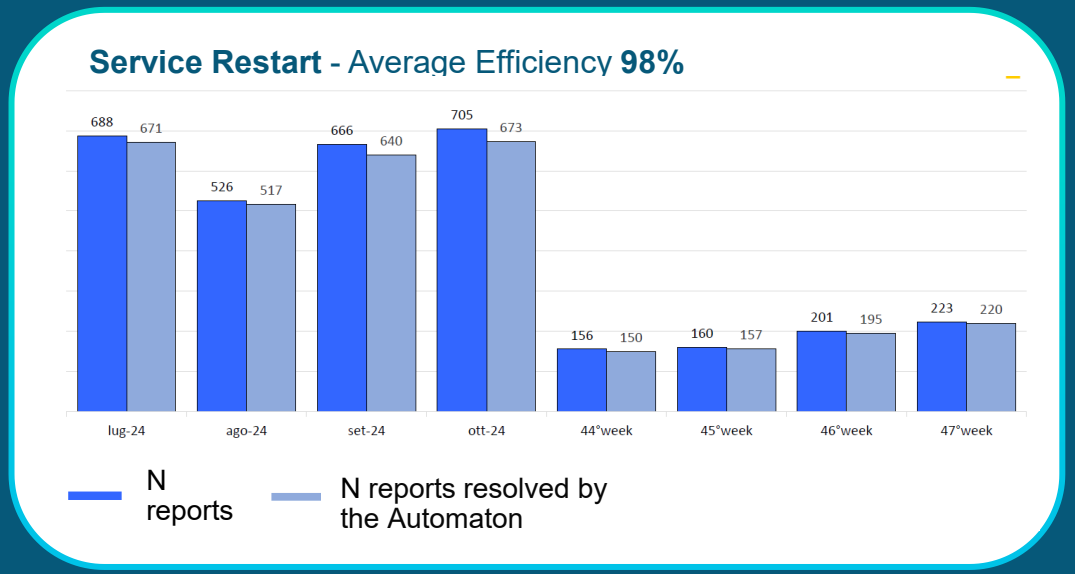
Italian branch of a **multinational chain of American fast food restaurants**, now surpassed worldwide only by Subway®.

The introduction of the digital twin in the service desk process has yielded concrete benefits, **with tangible impacts on process efficiency and economic value generation**. The recorded performance confirms the strategic value of the transformation journey.

90.000 €/year

Reduction of operational costs related to the Service Desk, specifically for the processes of Disk Cleanup and Service Restart.





SUCCESS CASE

CRIF
Together to the next level

The **need to serve customers with increasingly rapid credit analyses** puts pressure on CRIF's IT infrastructure, requiring a drastic improvement in response times to alerts and an increase in service availability.

The introduction of the **digital twin** in the control room process has yielded concrete benefits that directly impact **operational productivity** and the **economic sustainability of investments**.

Proactive and efficient ticket triage leads to a significant enhancement of corporate performance:

- 68%
Reduction of manual activities that burden first-level operators, who are required to manage an average of 22,000 incidents per year.

+ 63%
Increased proactivity positively affects the ability to ensure contractual compliance with banks and end customers.

USE CASE

Optimization of IT Operations and Incident Management

The Challenge

Minimizing downtime and ensuring timely assistance for IT service users.

For companies, the ability to respond quickly to malfunctions is a key competitive factor, directly impacting productivity and profitability.

The Xautomata Approach

Xautomata agents define **behavior models to correlate events** from different monitoring systems and predict incidents.

They automate the management of support requests, the initial steps of diagnostics, and execute self-repair actions (e.g., service restart, resource scaling).

Operators are activated only when necessary, guided by contextual operational information.

Tangible Results

- 50%
Reduction of MTT

+ 20%
Increased availability of IT services and adherence to SLAs

+ 30%
Enhanced productivity for DevOps and SRE teams

USE CASE

FinOps and Compliance for Cloud Security

The Challenge

Optimizing cloud costs and keeping potential security vulnerabilities in check.

For companies, the ability to manage costs frees up resources for innovation and ensures security compliance, serving as a key competitive factor with **tangible benefits for operational efficiency and profitability.**

The Xautomata Approach

XA agents monitor hyperscaler costs and, based on historical data, **define models to identify anomalies**. Additionally, they execute customized escalations.

XA agents identify inactive VMs, unassociated disks, non-compliant security configurations (e.g., open ports), and **deviations from compliance policies**. Where applicable, they can autonomously execute playbooks.

XA agents **activate operators** only when necessary, providing them with contextual operational information.

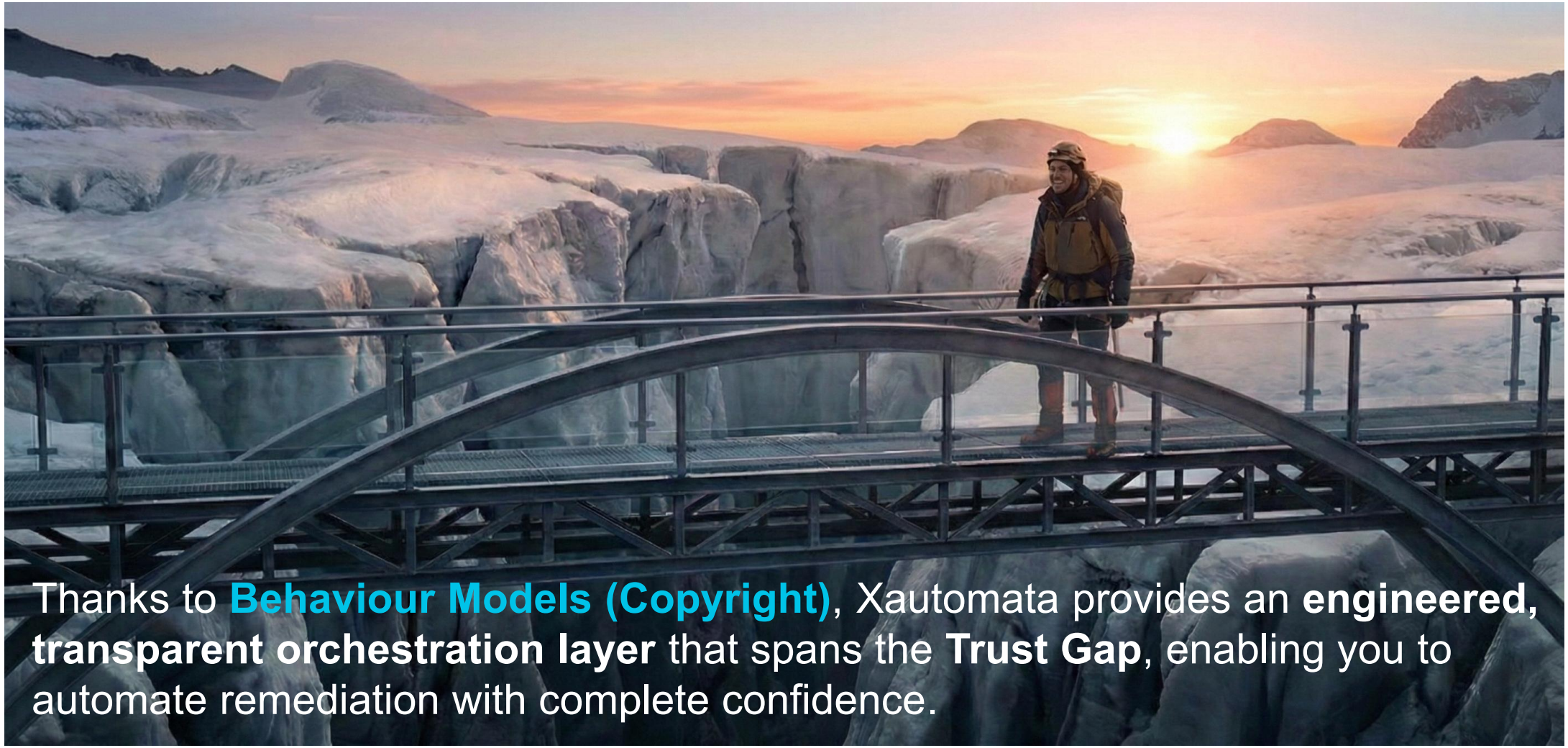
Tangible Results

- 25%
Significantly reduce waste and cloud bill costs

+ 60%
Optimize resource allocation based on actual usage.

+ 50%
Maintain a continuous and proactive security and compliance posture.

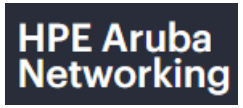
Xautomata: Autonomy without Fear



Our Ecosystem: Integration and Shared Growth

Partners

Technologies



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