ZABBIX



From Distributed Infrastructure to Intelligent Monitoring at Vittia

A case study

VITTIA
DEFESA E NUTRIÇÃO

Client

VITTIA DEFESA E NUTRIÇÃO

INDUSTRY
AGRIBUSINESS

FOUNDED
1971

SIZE
MORE THAN 1,200 EMPLOYEES

LOCATION
BRAZIL

Implementing Zabbix transformed infrastructure monitoring at Vittia Defesa e Nutrição from a fragmented model into a centralized, standardized and proactive operation, **providing a unified view** of servers, network devices, links, databases and telecommunications components distributed across its sites.

Challenge

Before the implementation, infrastructure operations were monitored in a fragmented way. Manufacturing plants and distribution centers needed a single view of servers, the network, internet links, databases and telecommunications assets, reducing the reliance on isolated analyses and the time spent identifying failures.

The situation called for a central, standardized and scalable monitoring foundation, able to organize templates, host groups, triggers and thresholds, while also providing management-level visibility and topological traceability for each site.

The company's core need was to **turn a distributed operation into a single, proactive and actionable view of the IT environment**.

Solution

After assessing its needs, the company decided to implement Zabbix as its monitoring platform, together with a complementary data visualization tool. The project was carried out with the support of Master Support**, a Zabbix Certified Delivery Partner,** which implemented Zabbix and integrated it with the other required software. The project was organized into seven workstreams, covering everything from the base environment to executive visualizations and automation.

- **Provisioning and configuration of the Zabbix server, database, frontend and proxy, and Grafana;**
- **Standardization of templates, host groups, triggers and monitoring parameters;**
- **Adding network devices, servers and databases to centralized monitoring;**
- **Creation of 13 topology maps and Grafana dashboards for connectivity and systems;**
- **Email alert automation and additional integration via Telegram.**

Results

The project established a centralized, standardized monitoring operation that is ready to evolve in new phases, with results such as:

100%
of the contracted technical scope delivered

297
active hosts monitored

6,484
items collecting data

4,477
triggers configured

13
topology maps developed

Conclusion

The Zabbix project **expanded Vittia's ability to see, anticipate and act on its own infrastructure**. The next steps include deepening observability across infrastructure, applications and databases, evolving integrations, and presenting the results achieved to leadership as a foundation for new initiatives.



To learn more about how Zabbix can help organizations evolve their monitoring strategies

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