VZOR®

Operational Intelligence is impossible without Artificial Intelligence (AI)

VZOR Brain Monitor

VZOR Brain Monitor is a complementary solution to our suite, which offers two different functionalities based on machine learning and deep learning.

The VZOR Brain Monitor solution for anomaly detection in the technological infrastructure and VZOR Brain Monitor for forecasting incidents on services. Both solutions are available in the VZOR Suite 360°.

Anomaly detection learns from the behavior of sensors in the technological infrastructure, and based on that learning, it is capable of moderating alarms generated by exceeding thresholds.

Regarding the incident forecasting system, it learns about the events and incidents of different services, being able to classify them, correlate them, and calculate a percentage of the occurrence of incidents in the future.

Main Features

Smart infrastructure monitoring based on behavior

Detection of anomalies

Incident forecasting

Alarms and automatic escalations through ticket creation

Smart monitoring for industry 4.0

- Deliver intelligent alerts, avoiding the generation of false positives, this is possible thanks to the integration with the conventional alarm system, where Brain acts as a moderator and validator of these.

- It has an evaluation scale, which is based on the incidents, events and anomalies that both a team and a service have, with this we can configure a basic reputation system in the operation.

- For the forecast of anomalies, it works with an unsupervised model which classifies and analyzes the different data that feed the model.

- Creation of incident forecast tickets, which are immediately escalated to the resolving groups.

- The anomaly detection solution is complemented by VZOR Infra Monitor, and at the same time with the complete Suite to forecast incidents in services with greater precision.

- Ability to implement distributed monitoring based on the use of probes and free of agents.

Main benefits

1

Proactivity against the occurrence of incidents

2

Monitoring system based on behavioral learning, not on thresholds

3

Improved alarms, fewer false positives

4

Cost-saving from losses due to operational incidents

ALL IN ONE SOLUTION

We have the most complete technological operational intelligence platform on the market

40%

Operational Cost Savings (TCO)

80%

Less time diagnosing the problem

100%

SLA Certificate without false positives

Features

VZOR Brain Monitor (Anomaly detection)

- Detection of anomalies based on a deep learning system (Deep Learning)

- Improves the quality of alerts by avoiding a high volume of false positives due to exceeding thresholds.

- Dashboards with indicators and multiple layers of information implemented

- Classification of anomalies based on the score automatically assigned by our Encoder.

- It is not required to set criteria manually, the application is dynamic and automatic (not supervised).

- Configurable evaluation system based on critical events, incidents and critical anomalies.

VZOR Brain Monitor (Incident forecast)

- Supervised learning model and integrated with the incident forecast tickets, which allows the specialist to confirm the tickets that, if they were real, which confirms to the model that his forecast was correct.

- Historical learning system, which allows generating an indicator that allows the visualization of the forecast percentage of an incident.

- Creation of tickets for forecasts of active incidents, which allows the resolution group to manage that forecast and evaluate it to train the model in operation.

- The system is designed to alarm in a range of 60 to 90 minutes into the future forecasts.

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