HID SAFE™ Risk Analytics

MINIMIZE RISKS AND MANAGE BUSINESS PROCESSES MORE EFFECTIVELY AND EFFICIENTLY

BENEFITS

- Identify high-probability risks while there is still time to act.
- Proactively and automatically take action upon risk discovery.
- Minimize security and compliance risks.
- Analyze behavior across your global infrastructure, regardless of the number of systems involved.

THE CHALLENGE

As globalization progresses, organizations face an increase in security threats. But despite technological advances, today's threats are strikingly similar to the days of metal keys and locks. It remains a priority to keep assets and keys in the right hands, and to prevent bad actors from infiltrating secured areas and locks. To combat this, organizations traditionally spend a lot of resources on reactive monitoring or adding new technologies at vulnerable access points. However, without a way to measure the problem in the first place, this results in inefficient spending, time wasted on false alarms and detecting crimes after they are committed rather than preventing crimes before they occur.

THE SOLUTION

HID SAFE Risk Analytics enables organizations to take the power of their physical security data beyond traditional reporting and use it to detect possible security risks. HID SAFE Risk Analytics collects your security system logs and using analytics and machine learning, transforms this data into critical knowledge and actionable insights. Your organization can be aware of potential risks in advance and by applying HID SAFE Risk Analytics Rules, automatically take preventive actions on a threat — potentially preventing a catastrophe.

Features

Take advantage of the intelligence provided by HID SAFE Risk Analytics with a suite of powerful tools:

- The HID SAFE Risk Analytics Dashboard gives a birds-eye view of the potential risks across an organization. It makes it easy for you to rank risks in order of severity, find security vulnerabilities or suspicious behavior associated with specific people/sites/readers, and drill down to the data used to derive these risk scores. In addition, you can easily share, schedule, and customize reports to meet your needs.
- HID SAFE Risk Analytics Rules allow you to automatically act on your findings. Use the intuitive Rule Editor to specify conditions and actions. Automatically suspend access, assign training, send notifications, add people to a watchlist, assign tasks, or trigger area access audits.
- The HID SAFE Risk Analytics Data Analyst Toolbox is an extensive list of data preparation algorithms available for data analysts. Use these tools to develop your own risk metrics, and export results into the HID SAFE Risk Analytics Engine, or your own business intelligence tool.

FEATURES

- **ETL (Extract-Transform-Load):** Easily collect data from disparate PACS.
- **Risk Evaluation:** Use pre-built Risk Metrics to uncover insider threats and security vulnerabilities or build your own using our Data Analyst Toolbox.
- **Dashboards and Reports:** Review results on the Analytics Dashboard or create your own with our full-featured reporting suite.
- **Actions:** Use the Analytics Best Practice Rule Set to automate responses to a host of common security issues or create custom rules with our intuitive rule editor. Revoke access, assign training, send notifications and more.

Risk Metrics

HID SAFE Risk Analytics uses standardized measures called Risk Metrics. Each metric goes beyond basic reporting by analyzing past events to establish baselines for each person/site/reader.

Risk Metrics are divided into two categories:

Attributional Metrics

"What you have." HID SAFE Risk Analytics compares the assets and privileges held by cardholders to their peers and identifies unnecessary vulnerabilities. Examples of Attributional Metrics are:

- **Unused Badges/Access:** Unusually large amounts of active cards/access that sit unused.
- **Wild Badges:** Unusually large numbers of lost/stolen/unreturned cards.
- **Excess Badges/Access:** Unusually large amounts of active cards/access.

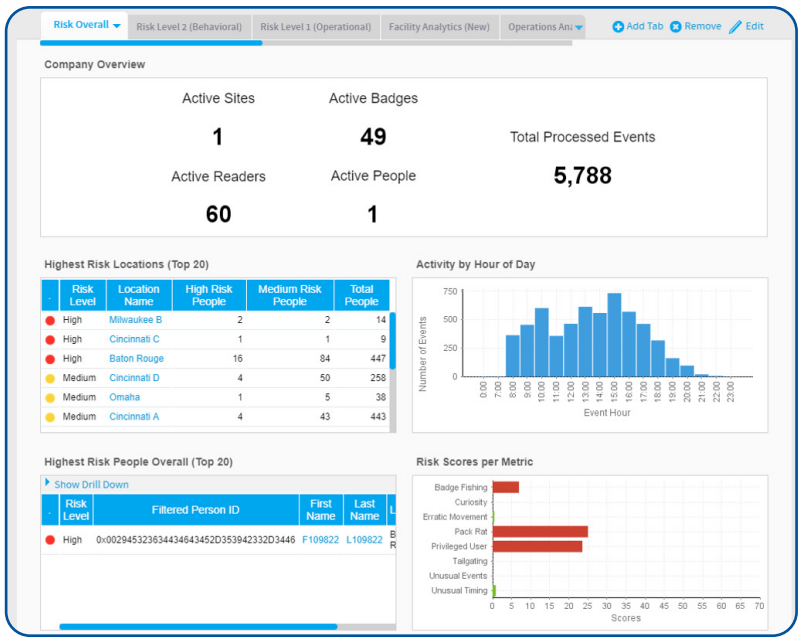
Behavioral Metrics

"What you do." HID SAFE Risk Analytics analyzes access control logs to establish baseline patterns of behavior for cardholders, readers, sites and overall. It can then identify anomalies that would indicate elevated risks. Examples of Behavioral Metrics are:

- **Unusual Ingress/Egress:** Unusual entry times or exit times.
- **Piggybacking:** Also called "tailgating" — entering a space without badging in.
- **Badge Duplication/Sharing:** Seeing a person in two places at once — an indicator that one or more of their credentials is not in their possession.
- **Unseen Doors:** Exploring places you don't normally go.
- **Unusual Denials:** Access denials that are suspicious due to context — a potential indicator of badge fishing.
- **Zombie Badges:** Using an expired/suspended badge.

The HID SAFE Risk Analytics Difference

HID SAFE Risk Analytics delivers actionable insights. Organizations can now have clear communication of the current risk levels across their global infrastructure with straight-forward measures of risk for cardholders and locations. In addition, HID SAFE Risk Analytics can take automatic action to help mitigate those risks. The advantage of a clear understanding of your organization's operations and risk levels will enable smarter decisions, greater visibility of activities in high risk areas and continuous informed process improvement to streamline operations making your secure workplace more efficient than ever before.



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