SMART ANALYTICS V1.0 DATASHEET
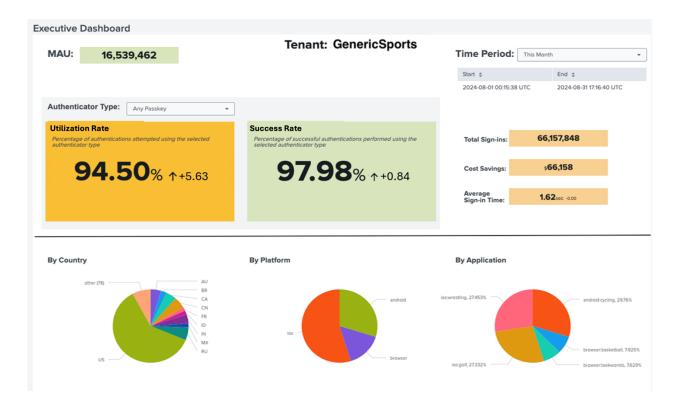
You can't manage what you don't measure. Nok Nok™ Smart Analytics, available as an add-on for the Nok Nok S3 Suite and the Nok Nok Authentication Cloud, provides detailed reports on key performance indicators (KPIs), compares these KPIs against industry benchmarks, and provides recommendations for improvement.

This offering enables organizations to assess the effectiveness of its authentication strategy, demonstrate value to stakeholders, and optimize key metrics. Given the constraints of limited budgets and resources, Smart Analytics helps prioritize efforts for maximum impact – ensuring achievements of internal objectives with increased ROI.

Nok Nok Smart Analytics integrates with Splunk, and the Nok Nok S3 Suite or Nok Nok Authentication Cloud to optimize your authentication infrastructure.

FIND OUT MORE

For more information about Nok Nok Smart Analytics, please visit https://noknok.com/products/smart-analytics/. Nok Nok provides a trial option for Smart Analytics as a cloud service. To try Nok Nok's solutions, please visit https://www.noknok.com/demonstration.

FEATURES	BENEFITS
Utilization Rate (by authenticator type)	The **utilization rate** shows what percentage of authentication events is performed using the selected authenticator type (e.g., passkeys) compared to passwords or other methods. In an ideal world, all authentication events would be phishing resistant, i.e., performed using passkeys or other FIDO credentials. Passkey **utilization rate** is often used as an indicator to show project performance.
Registration Rate (by authenticator type)	The **registration rate** represents the percentage of attempted authenticator registrations using the selected authenticator type compared to the total number of registered authenticators.
Registration Success Rate	Users need to create a passkey (register an authenticator) before they have it available for authentication. The **registration success rate** is the percentage of successful authenticator registrations to the total number of attempted registrations. To increase the passkey utilization rate, organizations want a high registration success rate.
Authentication Success Rate	Authentication is the front door to today's electronic services. If that front door is difficult to open, users get frustrated. Instead, organizations want to delight users with a smooth, yet secure experience. The **authentication success rate** is the percentage of successful authentications to total attempted authentications.
Authentication Time (total time, time to get authentication request, user verification time, time to send authentication response)	Users want access to services, and authentication is the means to access. Shorter authentication times generally have a high correlation with increased user satisfaction. To improve this KPI, it is important to know which factor contributed to longer authentication time - user verification or server-side processing. Nok Nok Smart Analytics provides fine grained breakdown of the authentication time. This detail makes it simple to assess "what" to improve.
Authentication Time (histogram)	Analyze trends and characteristics, e.g., the "long tail" which helps to focus on the most relevant cases.
Number of Monthly Active Users (MAU)	Number of users that registered a new credential or authenticated at least once in the active month.
Authentication Time Industry Benchmark	Passkeys are new and no systematic reference values exist today. Nok Nok Smart Analytics computes and provides a reference value that helps identify areas that need improvement.
Improvement Suggestions	Based on the comparison with the Industry Benchmark and the characteristics of the measured data points, the system will suggest actions to improve the KPIs.
Default Data Retention (i.e., what time period can be used in reports)?	3 months