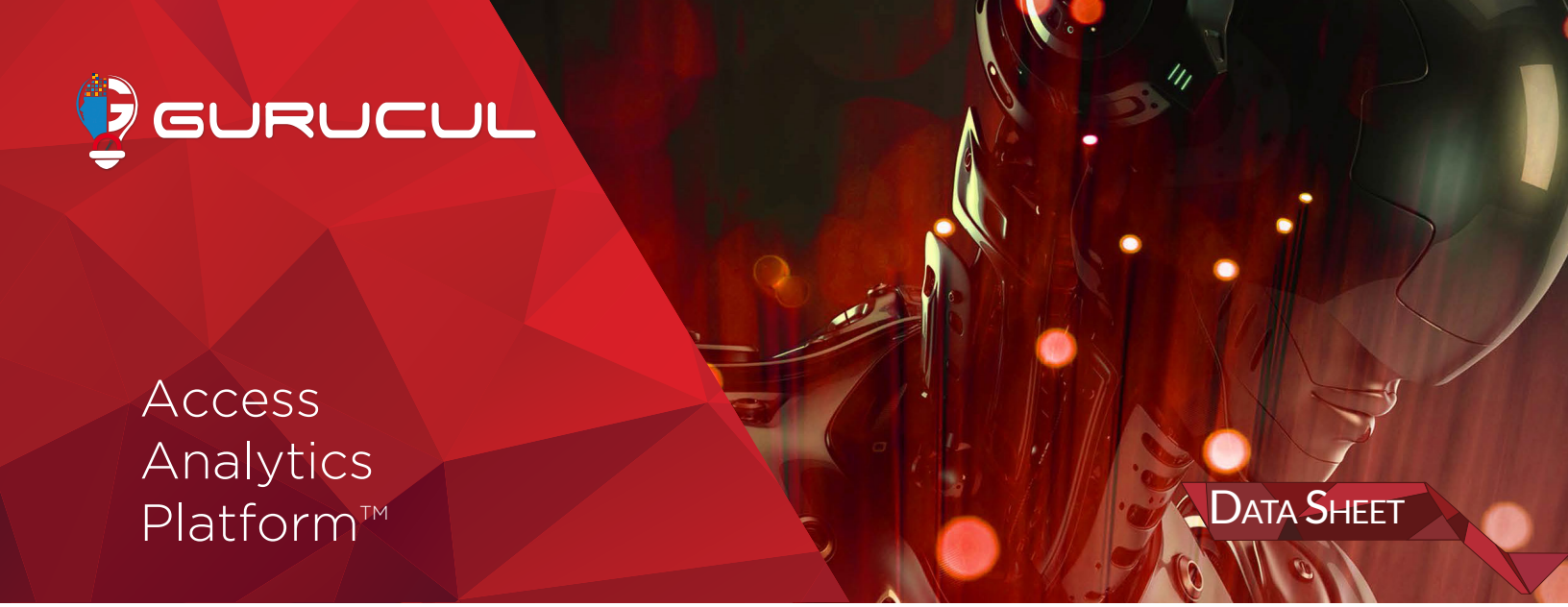

Access Analytics Platform™

DATA SHEET

Access Analytics Platform

Identity is a threat plane of rapidly growing importance. Unknown access entitlements are proliferating at an alarming rate, especially high privileged access. As this occurs, risk grows exponentially. There is, however, too much data for humans to manage. A force multiplier is required. Behavior-based machine learning for identity and access delivers radical reductions in accounts and access entitlements, thereby reducing the threat plane. Advanced identity and access data science assists with high privileged access monitoring, excess access, compliance, and intelligent provisioning. Access analytics cleanse, manage, secure, and govern identities and their associated access to prized data and assets. In doing so, access analytics provide comprehensive risk-based security controls within the Gurucul Risk Analytics (GRA) suite of offerings.

> ***"As a financial and investment firm, we reduced accounts and entitlements by 83% and provided intelligent roles for 11 business units."***
>
> VP, Security Architecture,
> Online Financial Enterprise

Why consider Gurucul's Access Analytics Platform (AAP)?

- Identify anomalies and improve access control and data governance with real-time access analytics
- Correlate data sources to create a 360-degree contextual view for identity, access and activity
- Enhance certifications with user, account, and entitlement risk determined by behavior analytics
- Detect access anomalies and outliers for users with access outside their normal responsibilities
- Quickly identify unused or obsolete access entitlements, plus high privileged access anomalies
- Radically reduce excess accounts and access entitlements to minimize identity risk and exposure
- Leverage Intelligent Roles® to reduce role management, risk and errors

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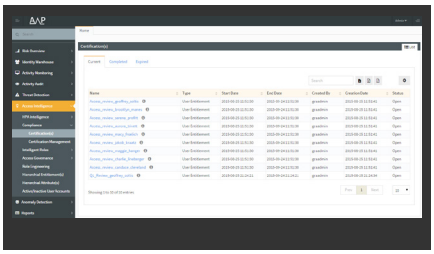
What are AAP features and benefits?

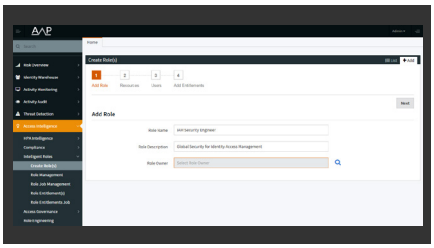
- Real-time 360-degree contextual view of identities, access and activities
- Identity analytics and roles from behavior analytics machine learning
- Radical reduction of accounts and access entitlements using behavior-based access
- High privileged access detection, plus obsolete, orphan and unused access reporting
- Risk-based certifications and dynamic access provisioning reduce effort and errors
- Access analytics cleanse, manage, secure and govern identities and access
- Access outliers based on usage and dynamic peer group analytics

Visualization value from AAP

Dashboards provide a focused starting point and identity analytics.



Risk-based access reviews for certification and compliance.



Intelligent roles from behavior analytics reduce effort and errors.

What makes AAP more effective?

- GRA's core architecture is built on PIBAE™ (Predictive Identity-based Behavior Anomaly Engine)
  - Behavioral machine learning algorithms based on 254 attributes to profile identity
  - Self-learning and self-training algorithms are contextually aware for transaction scoring
  - Dynamic peer groups improve clustering and outlier machine learning accuracy
  - Awareness to time-based norms such as accepted workflows and operational changes
  - Built for scale with big data foundation and flexible metadata framework
- Inclusion of identity management and privileged account management data sources
- Out of the box algorithms learn anomalous behaviors immediately upon deployment
- Fuzzy logic and linked data analysis automates mapping of activity and accounts to identities
- Big data architecture ingests historical data to speed self-learning and self-training

About Gurucul

Gurucul is changing the way enterprises protect themselves against insider threats, external intruders and cyber fraud on-premises and in the cloud. The company's user and entity behavior analytics (UEBA) and identity analytics (IdA) intelligence technology uses machine learning and predictive anomaly detection algorithms to reduce the attack surface for accounts, unnecessary access rights and privileges, and identify, predict and prevent breaches. Gurucul technology is used globally by large enterprises in finance, banking, insurance, manufacturing, hi-tech, pharmaceutical and retail.

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