

## ***Tuebora Governance*** ***Self-Driven Identity and Access Visibility***

### Overview

Managing information access in today's dynamic business environment is not an easy task. Complex hybrid environments of cloud and on-premise applications, far-flung supply chain partners, and the internet of things are now common pieces of your business. Granting access to key applications and the data they contain inside and outside the walls of your business is a full-time job for key employees. These employees have the huge responsibility of remembering and understanding the relationships between identities, systems, and applications.

Data access needs to be constrained within the boundaries of time, circumstance, identity, and policy. With hundreds of joiner-mover-leaver actions occurring every day, finding efficiencies while remaining secure often gets lower priority than simply getting people and machines the access they need while staying in compliance with regulatory and corporate policies. Even if there is broad visibility into IAM activities, the hierarchical relationships between an ever-growing number of applications and identities can be too complex to comprehend.

Today, all stakeholders are challenged with the fundamental problem of Identity and Access. The organization is dynamic – current IAM tools and platforms are static. In large organizations, thousands of identity and access privilege changes are made every day. Current rule-based industry vendor solutions are rigid, expensive, don't scale, and aren't built with identity analytics in mind. As a result:

### Tuebora Governance

Tuebora's Governance Solution employs machine learning to monitor identity as well as access provisioning and usage behaviors to find provisioning efficiencies and security issues. This takes place while your team continues to work inside your current identity and access management processes. An appropriate analogy would be a car that performs continuous diagnostics, monitors your driving habits and environment, and alerts you to efficiencies that would help you get to your destination faster in the most efficient manner, with the least amount of risk.

### Tuebora Governance Microservices

Tuebora Governance monitors all access changes and also limits the opportunity for rogue activity. Additionally, it notifies you of important access changes as soon as they occur. The service is deployed as a collection of microservices that can be turned on or off depending on circumstance and the desired level of automation. They are:

- **Tuebora Provisioning service:** Offers an efficient, effective way to manage access for Joiners, Movers and Leavers through automated provisioning rules based on provisioning behaviors for on-premise and cloud applications.



- **Tuebora Certification Service:** Facilitates scheduled certification of access. Organizations can determine who will certify, how often they will certify, and what they will certify based on their needs. Rich dashboards provide a user-specific summary of all certification activities organized by certification initiatives planned by the organization.
- Tuebora Request Workflow: a service that allows individuals to seek access from assets configured with an Access Approval Process.
- Tuebora Controls Service: controls management with out-of-the-box definitions for all types of controls, including SOD, plain access controls, controls governing group membership, and location-based controls.

The screenshot shows an 'Access Request' interface with the following data:

Requester	Requested By	Requester	Approved/Rejected	Approval	Justification
10 Aug 15 1:00 PM	60100	Requester	2/1/2	Requester is a member of the Requester's group	Request to perform job function
10 Aug 15 1:00 PM	60100	Requester	2/1/2	Requester is a member of the Requester's group	Request to perform job function
10 Aug 15 1:00 PM	60100	Requester	2/1/2	Requester is a member of the Requester's group	Request to perform job function

Figure 2 - Email Alerts for Access Requests with Approve/Reject buttons within email.

# Summary

Tuebora Governance empowers enterprises to take complete control of all aspects of their identity access management deployment with machine learning and analytics to realize the following benefits:

- Holistic IAM solution that learns, adapts, and captures employee efficiencies and identify risk.
- Rapid deployment featuring dozens of pre-built access events and actions.
- Scales with your business from under one hundred to hundreds of thousands of users.
- Micro-services based architecture allowing you to select and customize functions.
- Interoperates with your existing IAM tools and business applications.
- Supports hybrid cloud and on-premise business environments.

Tuebora benefits the CIO through provisioning efficiencies, the CSO by reducing the access attack surface, and the CEO by increasing employee productivity.

# Contact Information

For more details about how Tuebora's IAM Suite can create greater efficiency, visibility, and bring together your IAM ecosystem with its holistic self-driven IAM solution, visit [www.tuebora.com](http://www.tuebora.com) or contact us at [info@tuebora.com](mailto:info@tuebora.com).