

# Quality Role Modeling Adapted for Business Teams

Role Mining is built on the foundation of Brainwave GRC's ten years of experience in the field. More than a simple tool, it combines both a proven methodology and an innovative technology. From the project's framework to its workshop facilitation, Brainwave GRC's experts and partners provide assistance and support throughout the life cycle of any role mining program.

## ROLE MINING : WHAT ARE THE ADVANTAGES?

Implementing a role mining project can be tedious and time-consuming when working with an unsuitable solution. With Role Mining, benefit from an enlightened approach that provides quick deployment of any role mining project, without effort or technical prerequisites. In this way, Brainwave GRC's Role Mining makes the following three commitments:

### Improved User Experience

By using role modeling techniques, accesses are more easily understood, even for the business teams. Assigning roles to employees provides a set of rights adapted to their functions in a quick and easy way.

### Enhanced Security

When using role modeling, the rights granted to users are sure to be in line with the business requirements, greatly reducing the risk of error when assigning them.

### Simplified Compliance

The Role Mining tool allows roles, or groups of users, to be audited instead of having to individually control access rights. Gain efficiency by easily involving the business teams in order to implement role recertification.

## HOW DOES IT WORK?

IAM/IAG solutions are limited and ineffective when used for role modeling. Most of the time, the creation of these roles is done in a bottom-up manner and does not reflect the business context. The strength of Role Mining is that it relies on a thorough methodology that is based on business needs and utilizes the accuracy current entitlements.

Role Mining offers advanced features in three easy steps that ensure **the maximum efficiency of the project's objectives**:



## Quality Role Modeling

The purpose of Role Mining is to design useful and usable roles by applying a proven methodology and an innovative technology to obtain relevant results.

### The Approach: Two-Way Analysis

The Role Mining methodology is unique and efficient. It consists of conducting interactive workshops with the business teams while relying on true and accurate accesses currently being used in the organization. In this way, business roles are then suggested through the use of intuitive and interactive dashboards.

### A Tailor-Made Project

Within just a few days, Brainwave GRC's partners help to define and model roles with the assistance of internal teams, whether they be business or technical in nature.

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## THE KEY FEATURES OF ROLE MINING



**The Role Mining Advisor** provides step-by-step guidance over the life of the role modeling project in order to ensure its success.

### Step 1 - Preparation and Quality Control



**The Data Uploader** is an optimized architecture that ensures maximum data security at every stage, from transit to storage.



**Prep-Free Modeling** automatically reduces configuration to the bare minimum.



**The Data Quality Manager** modifies and supplements correlated data, manager information and current permissions in order to provide all the necessary information needed to build quality roles.

### Step 3 - Publishing the Modeled Roles



**The Roles Export** feature directly exports and feeds the created roles and correlating data into identity management tools (IAM/IAG) as well as requests access and establishes role review and recertification campaigns.



**The Roles Life Cycle** allows the user to follow the evolution of roles and their current status which can be defined as deactivated, in the design phase or in production.

### Step 2 - Role Mining Workshop



**Brainwave's Two Way-Analysis** is the innovative, top-down approach to building quality roles, whether they be business-related or cross-functional in nature.



**RoleFinder Intelligence** presents role suggestions in one click through an intuitive and graphical representation based on AI algorithms.



**Mining Progress Technology** helps to efficiently manage the role definition process by utilizing indicators that monitor the coverage of each organization.

**Progress**

Organisation: SFINCR, SFINLI

Employee type: Employee

Job: Financial Controller, Litigation lawyer

Name: Luther STONE, Terrence CHAVEZ, Walter CHALZE, Randolph ADAMS, Tony NELSON, Albert SINGLETON, Alton SCHNEIDER, Clay BALDWIN, Edwin CHANDLER, Lyle JACOBS, Orlando DIAZ, Roosevelt BOONE, Stuart GRAHAM, Winston GRANT, Jimmy AP...

Permission	Luther STONE	Terrence CHAVEZ	Walter CHALZE	Randolph ADAMS	Tony NELSON	Albert SINGLETON	Alton SCHNEIDER	Clay BALDWIN	Edwin CHANDLER	Lyle JACOBS	Orlando DIAZ	Roosevelt BOONE	Stuart GRAHAM	Winston GRANT	Jimmy AP...
User (3%)	x	x	x	x		x	x	x	x	x	x	x	x	x	x
SAGE User (28%)	v	v	v			x	x	x	x	x	x	x	x		
SAP Consultation documents (66%)						v	v	v	v	v	v	+	+	+	+
Consultation (100%)						v	v	v	v	v	v	+	+	+	+
Consultation bank statements (78%)						v	v	v	v	v	v	+	+	+	+
Consultation heritage (100%)	v	v	v	v	v	v	v	v	v	v					
Consultation heritage estate (38%)	v	v	v	v	v	v	v	v	v						
Framework (38%)	v	v	v	v	v										
Auditor and internal control (26%)	v	v	v	v	v										
Certification service is (2%)	v	v	v	v	v										

**In progress**

40%

In progress

Code	Organisation	Role mining ...	Coverage
DCOM	Sales Division	Done	71%
DFIN...	Legal Division	In progress	56%
DRH	Human Resources	Not started	0%
DFIN	Financial Division	Done	69%
DFIN...	Administrative Division	Not started	0%

## CUSTOMER FEEDBACK

*"The solution is very visual, efficient and even fun!"*

*"During the workshops with the business teams, we can immediately see issues that arise, allowing us to quickly clean up and identify the major tendencies."*