



BRAINWAVE GRC

Identity Analytics Leader

**Automate and Simplify
your Compliance**

About Brainwave GRC

- › Identity Analytics experts since 2010
- › 2021: Privileged Governance Services
- › Offices in Europe and North America



- › Thousands of worldwide users



Our customers

SANTÉ



PROTECTION SOCIALE



TRANSPORT



SERVICES, MÉDIA, TELECOM



BANQUE SERVICE FINANCIER



PRODUCTION, DISTRIBUTION



SECTEUR PUBLIC



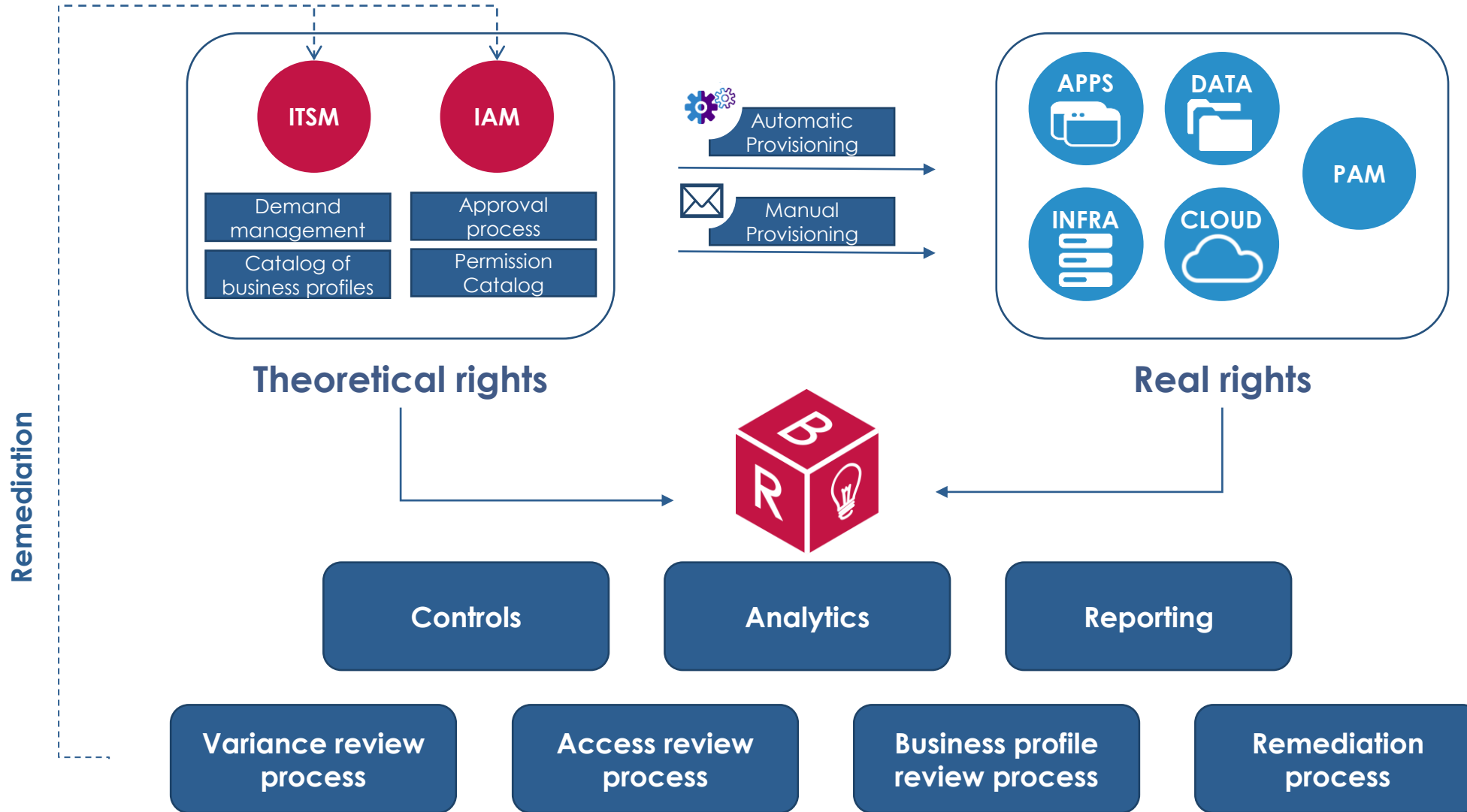
ENERGIE



JEUX, SPORT



Brainwave, control organ in an IAM ecosystem



Compliance functionalities – Identity Analytics Platform



Data collect

- **Collect applications access right**, infrastructure access (servers, filers, PAM, AD, etc), physical access
- Collect **IAM access request**
- Add **new data sources** (csv) form **web portal**
- Allow **business to update their own data** (with automatics format controls)



Inventory

- Rebuild the **access rights chain**
- **Calculation of indicators** (risk scoring, volume, etc)
- **360° view of acces rights**
- **Comprehensive view** of IS accesses
- Understand **who has access to what**
- **Follow** any changes



Search Analytics

- **Dedicated reports ready to use** (Orphan Account, ROI analysis, ...)
- Timeline analysis
- Cross tab access right analysis
- Get **assistance in making decisions**, by using indicators
- Build **your own analytics** from web



Data enrichment

- **Complete identity information** with manager link
- **Complete application** information
- **Complete permission** information with sensitivity, descriptions, tag, approvers



Control plan

- **Verify control points of the enterprise security policies**
- **Browse** through **control points**
- **140 controls point** out of the box
- Add **new specific business** control point
- **Identify areas of risk** and prioritize **remediation actions**
- **Native consistency control** between **requested rights** in IAM/ITSM (theoretical rights) and **access rights**

- **Separation of Duties** controls based on business activity

Need SoD



Review

- **Compliance review** (manager & application owner review) ready to use
- **Web based configuration** and administration
- **Real time** progress follow up
- Include **remediation** & compliance fix check
- Compliance Reports

- Build your own review process
- Dedicated review interfaces
- Compliance report

Need UAR



Dashboard

- Powerful **synthesis** tool dedicated to RSSI, Applications Owner, line manager
- **Add dashboard** web based configurations
- **Share dashboard** to **end users**
- **Navigate** from dashboard to control point, KPI ad analytics

Identity Analytics is the science of analyzing access rights.

Descriptive



IDENTIFY

who works in the company and who has access to what

Diagnostic



CHECK

automated verification through policies and recertification

Predictive



DETECT

anomalies and define the level of risk

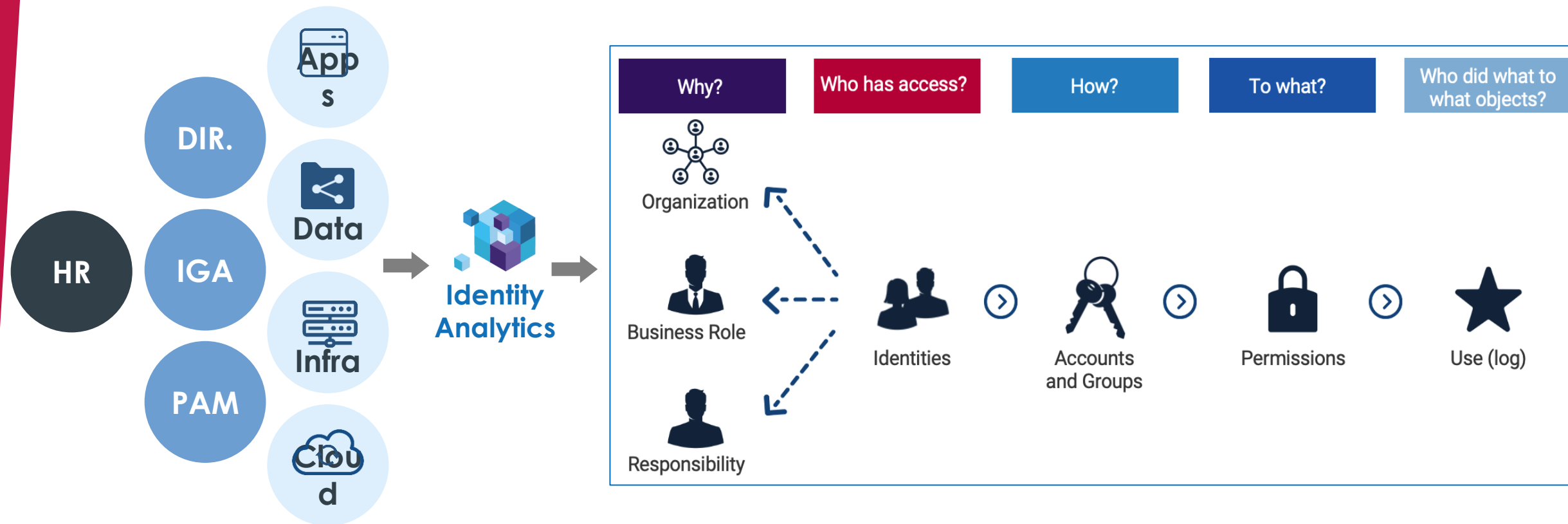
Prescriptive



RECOMMEND

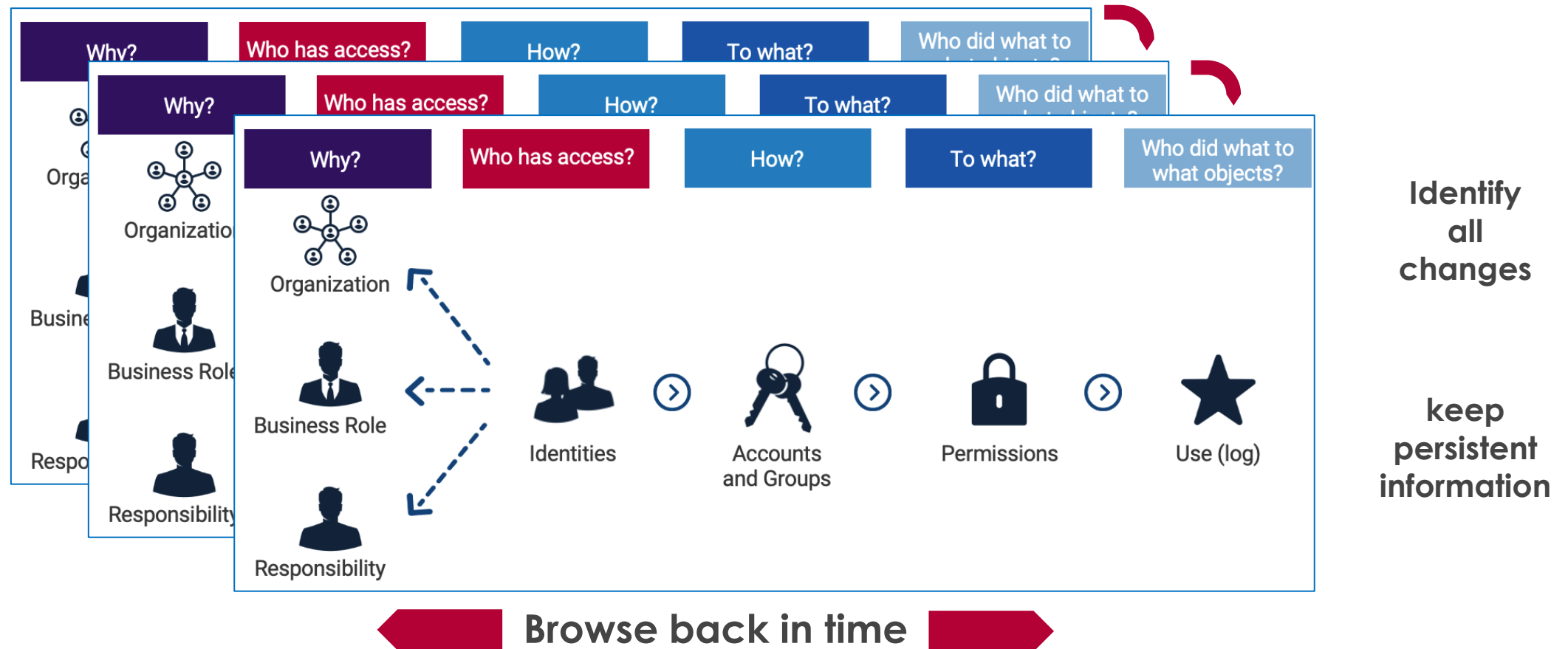
rights to be assigned to users

Rebuilds the Access Chain and the Identity Context

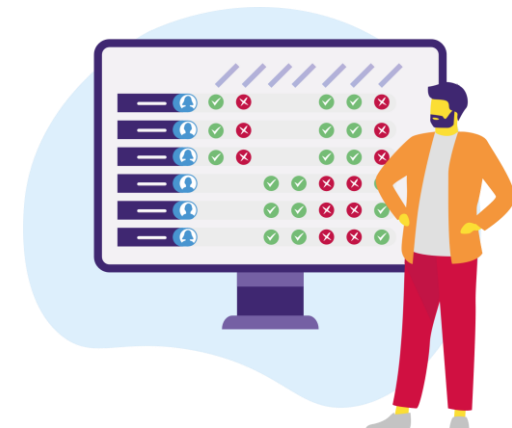
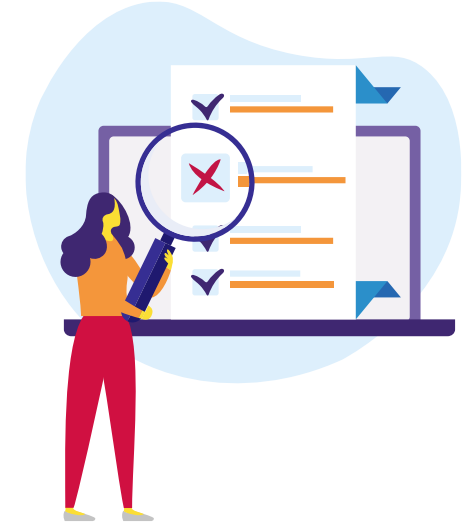
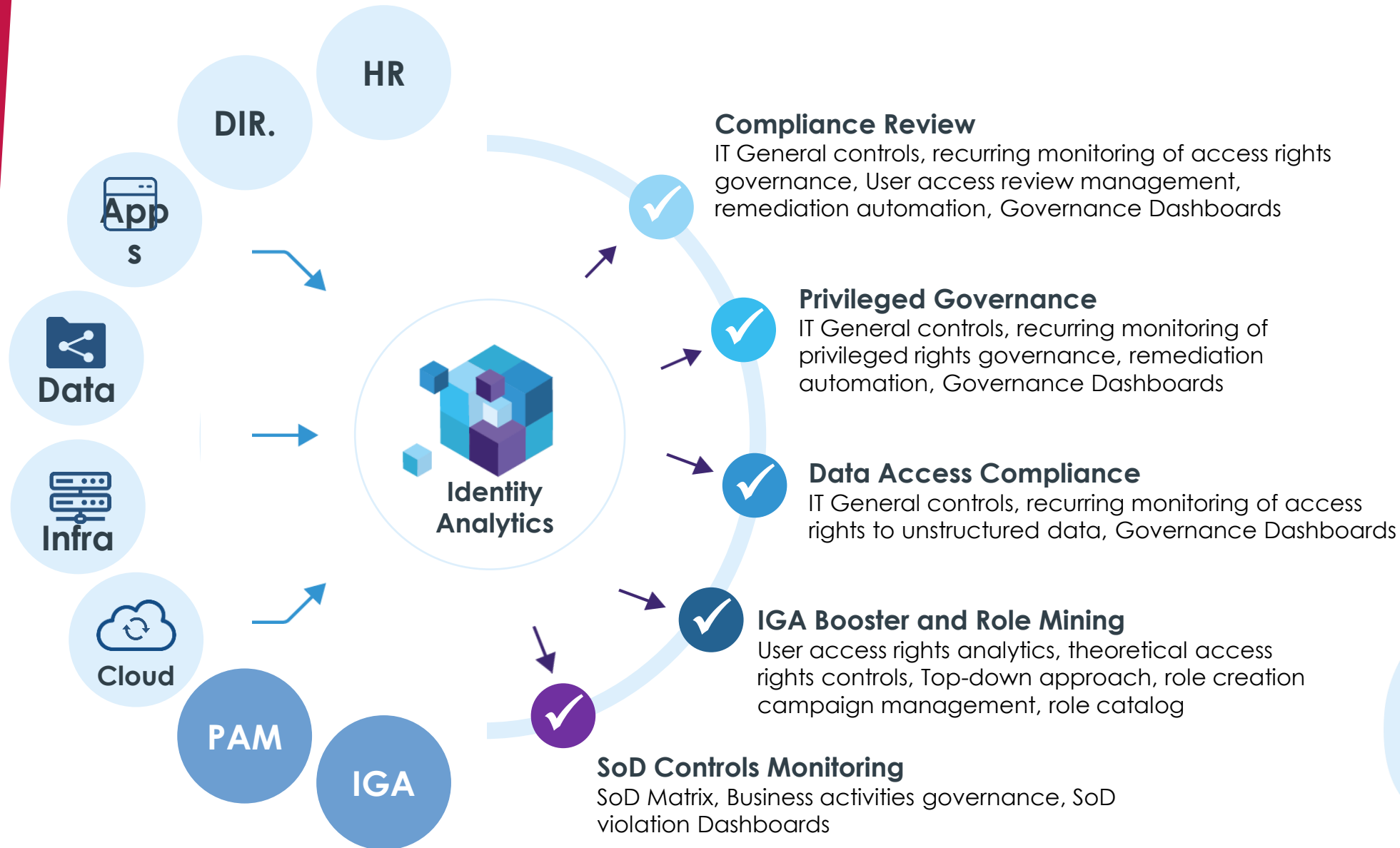


All data is correlated in a single data model

Value Based on Continuous Monitoring



Identity Analytics Delivers Automated Governance



Compliance mapping, reporting and dashboards



Identity

Samantha SCHWARTZ Details

Details Security Model Access Controls Analytics Decision history

Identity Position Colleagues Team Managed organisations Managed resources



HR code

ID0000032

First name

Samantha

Last name

SCHWARTZ

Full name

Samantha SCHWARTZ

61

↑ +53

RISK RANK

4

↓ -1

MAX RISK LEVEL

11

→

NB OF RISKS

Search identities

HR code

First name

Email

Organization short name

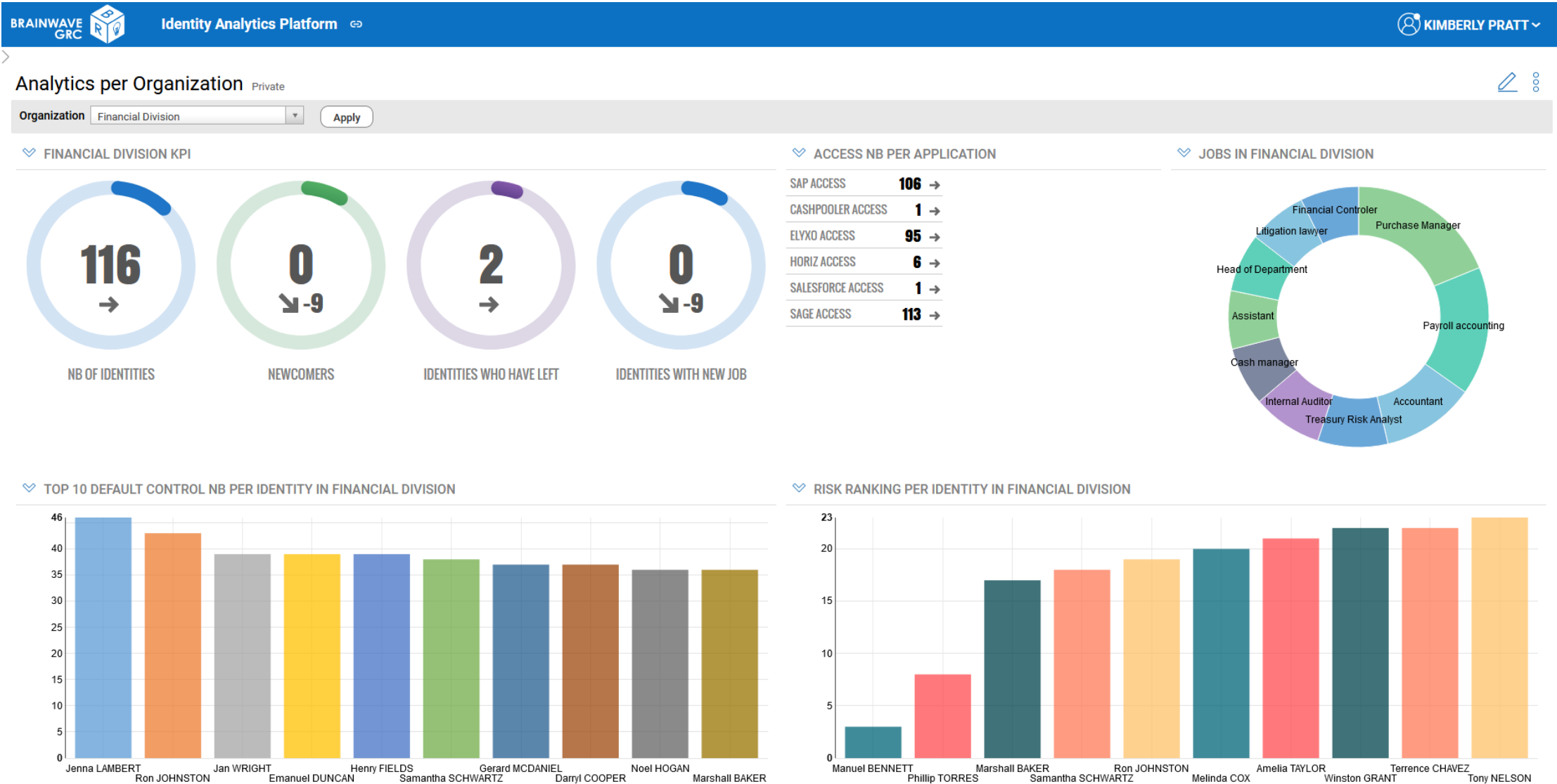
Last name

Organization name

Switch to free search

HR code	First name	Last name	Email	Risk Rank	Max Risk Level	Nb of risks
ID0000848	Sophia	FOX	sfox12@acme.com	1	5	17
ID0000743	Victor	WALKER	vwalker10@acme.com	2	5	20
ID0000566	Sonya	LAWRENCE	slawrenc16@acme.com	3	5	14
ID0000068	Willie	CLARKE	wclarke18@acme.com	4	5	18

Example of a dashboard



Example of a dashboard



Identity Analytics Services

DAMIEN.BESSON@BRAINWAVE.FR

Analytics per Application

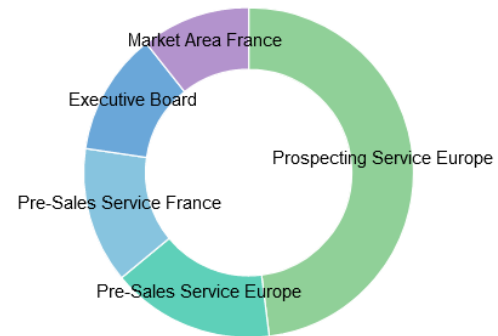
Application SALESFORCE

Apply

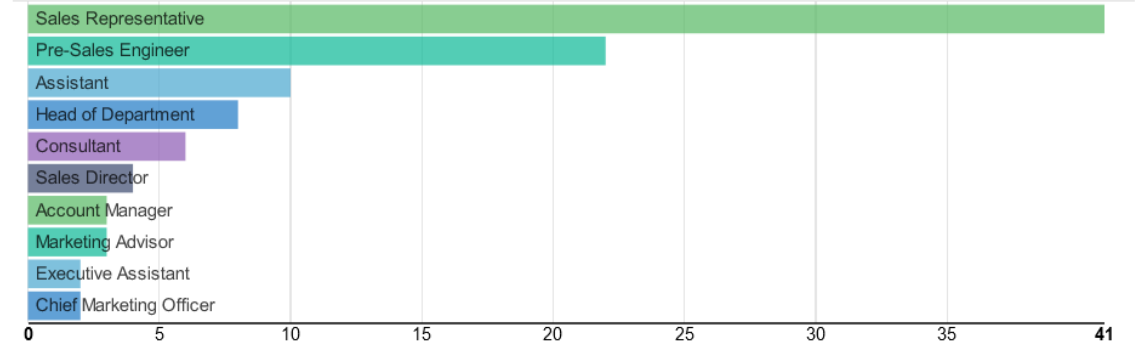
SALESFORCE ACCESS ANALYSIS

Analysis of the Identity Context and check of the security policies related to the selected

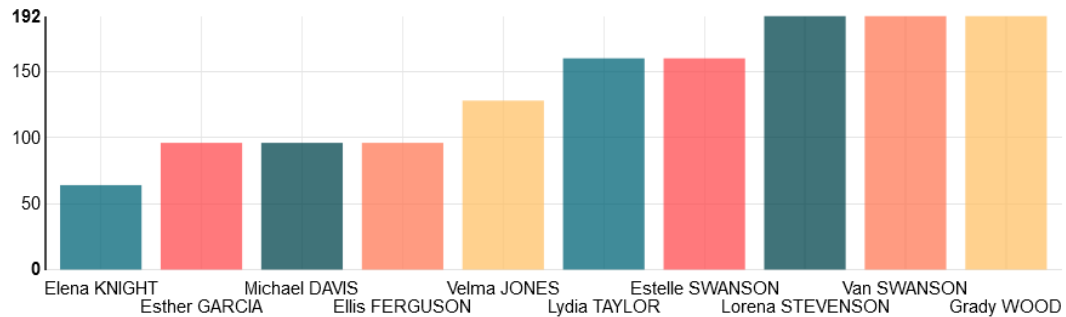
5 FIRST ORGANIZATIONS PER IDENTITY N°



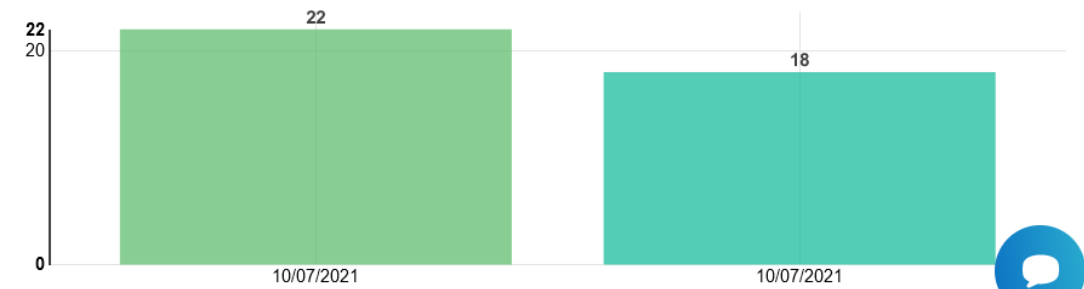
10 FIRST JOBS PER ACCOUNT NUMBER



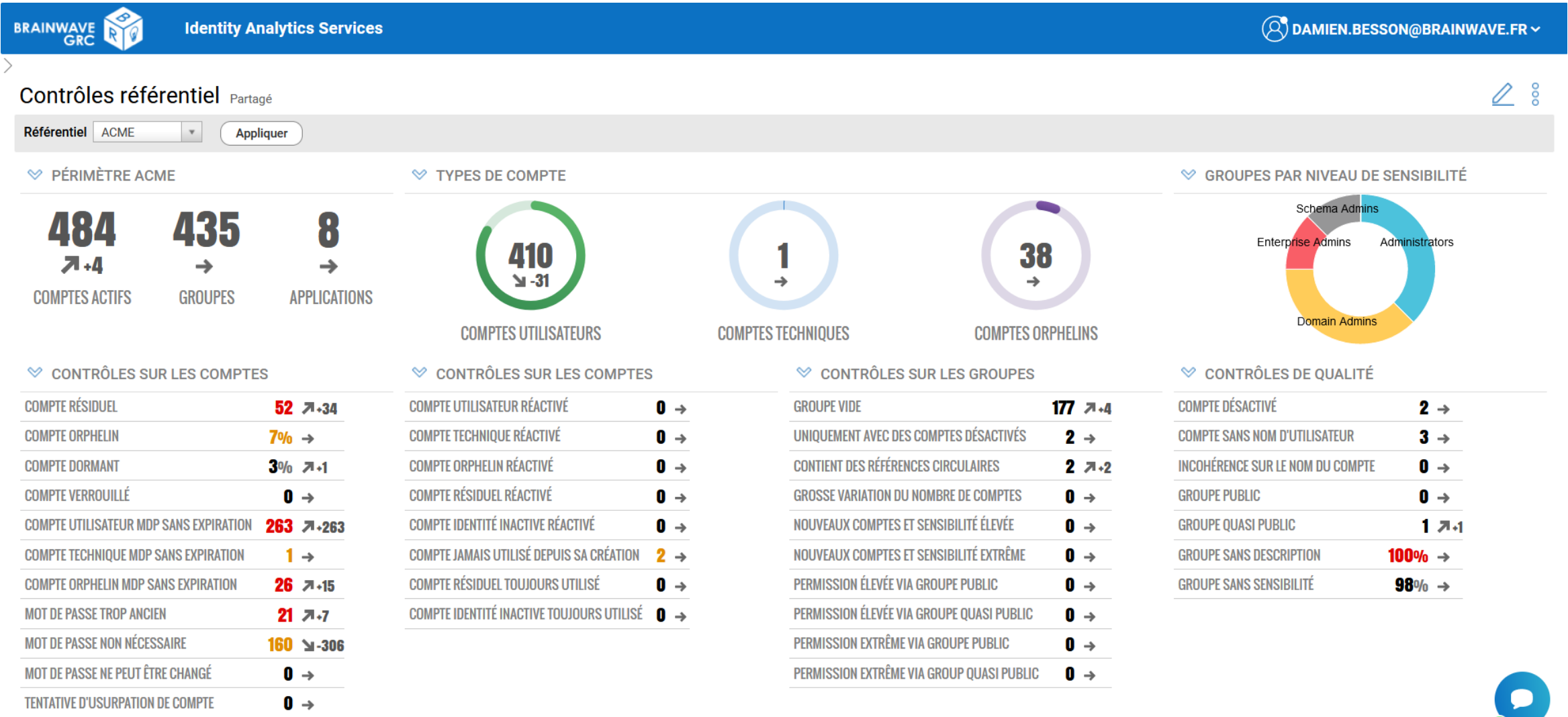
RISK RANKING PER IDENTITY HAVING ACCESS TO SALESFORCE



NB OF IDENTITIES HAVING LEFT THE COMPANY AND HAVING ACCESS TO SALESFORCE



Example of a dashboard



5

Groupe



Empty group description

Nombre direct	1 →
Nombre total	4 →

Nombre direct 1 →

Nombre total 4 →

Nb applications 0 →

Nb shares 0 →

Références circulaires détectées

Nom	Commentaire
» EU-Public-Quality	Empty group description
» GROUP358	Empty group description
» GROUP40	Empty group description

21

Login	Nom	Nom de l'identité	Code compte technique	Date de la réconciliation	Fiabilité de la réconciliation	Règle de réconciliation
KALLEY00	Melissa KALLEY	Melissa KELLEY		07/10/2020 10:54:51		FUZZY_USERNAME
FLOYD10	Allen FLOYD	Allen FLOYD		07/10/2020 10:54:51		FUZZY_USERNAME
FULLER11	Johanne FULLER	Joanne FULLER		07/10/2020 10:54:51		FUZZY_USERNAME
ROBERTS3	Joana ROBERTS	Juana ROBERTS		07/10/2020 10:54:51		FUZZY_USERNAME
COOPER12	Christopher COOPER	Christopher COOPER		07/10/2020 10:54:51	3	FULLNAME_USERNAME
HANSON9	Jaime HANSON	Jaime HANSON		07/10/2020 10:54:51	3	FULLNAME_USERNAME
SWANSON10	Estelle SWANSON	Estelle SWANSON		07/10/2020 10:54:51	3	FULLNAME_USERNAME
COLE1	Luke COLE	Luke COLE		07/10/2020 10:54:51	3	FULLNAME_USERNAME

Age Group	Number of People
10-14	10
15-19	20
20-24	30
25-29	25
30-34	15
35-39	10
40-44	5
45-49	5
50-54	5
55-59	5
60-64	5
65-69	5
70-74	5
75-79	5
80-84	5
85-89	5
90-94	5
95-99	5

Seuil de similarité	10%	▼	nombre de comptes minimum	10	▲
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Détails

Groupe Groupe de référence

Application Data Library

Application Add-in

BIproductgData_IT

Application Upload Libraries

GROUP39

Outsourcing

Marketing-Review

Marketing-Value

Marketing-Data

Sales-MarketArea-OperationsFrance-Research

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Application Data Library
Application Add-on
BIproduct

ation Data Library
lication Add-in
productg

Application IT

Application Upgrade GROUP

Upload Library
JUP39
Outsour

Marketing

Marketing-Review
MarketingMarketing-Value
Marketing

Marketing-Data
Sales-Data

es-4
ata

ITGC controls, SoD, and review / recertification



review the rights for Purchasing

approve

revoke

update

reset

comment

Selected items: 1

Application display name ▾

Permission display name ▾

Identity full name ▾

Account login ▾

		Consultation repository provider niv3	Consultation repository provider niv4	Accounting Manager	Analytical accounting consultation	Approving requisitions LEV1	Approving requisitions niv2	Buyer	CRM consulting niv3	Cash management	User	SAGE User	Approving purchase requisitions	Certification service is	Approving requisitions niv4	Purchasing Department
Dale VASQUEZ	ID0000391	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Ian LEE	ID0000433	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Johnnie BROOKS	ID0000423	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Leslie HODGES	ID0000521	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Mike UNDERWOOD	ID0000495	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Perry GUZMAN	ID0000215	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Roland HALE	ID0000381	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Saul DEAN	ID0000393	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Terry CHANDLER	ID0000485	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Arthur FARMER	ID0000357	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Noah OLIVER	ID0000165	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Willard ZIMMERMAN	ID0000197	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Luis MORENO	ID0000119	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Arthur FARMER	AFARMER12	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Dale VASQUEZ	DVASQUEZ18	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Leslie HODGES	HODGES	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Mike UNDERWOOD	MUNDERW019	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Roland HALE	RHALE17	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Saul DEAN	SDEAN19	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Arthur FARMER	FARMER4	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Dale VASQUEZ	VASQUEZ8	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ
Ian LEE	LEE14	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ	ⓘ

Account

Owner

Permission assignments

Controls

Filter...

risk level	Display name
2	unused account
1	AD enabled reconciled accounts

Access review for Financial Division

approve

revoke

update

reset

comment

ask to...

group by Identity name ▾

Filter...

	status	Login	Application	Identity name	HR code	Risk level	Permission	comment
Abraham DELGADO								
☐	ok	DELGADO8	Elyxo	Abraham DELGA...	ID0000425	3	User	
☐	ok	ADELGADO13	Sage	Abraham DELGA...	ID0000425	4	SAGE User	
Adam WALSH								
☐	revoke	WALSH15	Elyxo	Adam WALSH	ID0000307	3	User	Leaver
☐	revoke	AWALSH17	Sage	Adam WALSH	ID0000307	4	SAGE User	Leaver
Albert SINGLETON								
☐	ok	SINGLETON2	Elyxo	Albert SINGLETON	ID0000367	3	User	
☐	ok	SINGLETON	Sage	Albert SINGLETON	ID0000367	4	SAGE User	
☐		ID0000367	SAP	Albert SINGLETON	ID0000367	3	Z21_BAT	
☐		ID0000367	SAP	Albert SINGLETON	ID0000367	3	ZGUIXT	

Account

Owner

Permission

Controls

Statistics

Filter...

risk level	Display name
3	unused account
1	No user name
1	Unused account
1	User password is too old

128 entries left to review ☐ Hide reviewed entries



Role Mining

Role mining Market Area France

Progress

☐ Show only identities in selected role

Organisation	Employee type	Name	DCOMFR	SCOMAVFR	DCOMFR	SCOMA...	S...	C...																
Application	Permission		Vicky BASS	Carlos HOLT	Israel KIM	Ryan CRUZ	Jerome CARLSON	Kimberly HUGHES	Garrett WARNER	Jill FORD	Joyce McDONALD	Mayann MORRIS	Patricia JAMES	Pedro FIGUEROA	Olive NGUYEN	Donald UNDERWOOD	Isaac AUSTIN	Mabel TURNER	Ana RICE	Ismael CLARK	Christopher THOMPSON	Hence SMITH	Lydia TAYLOR	
SAP	Management indicators		V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
	Consultation repository provider niv3		V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
	Consultation repository provider niv4		V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V	V
	Claims management intervention		V	V	V	V	V	V	V	V	V	V	V	V	R	R	V	V	V	V	V	V	V	V
SugarCRM	SUGAR CRM User			X	V	V	V		V	V	V	V	V	V		V	V	V						X
SAP	Management applications		V	V	V	V	V	V	V	V	V	V	V	V	V									
	Certification service is		V	V	V	V	V	V	V	V	V	V	V	V	V									
	Gestionnaire local stocks		V	V	V	V	V	V	V	V	V	V	V	V	V									
	Local procurement manager		V	V	V	V	V	V	V	V	V	V	V	V	V									
	Inventory Manager			V	V	V	V	V	V	V	V	V	V	V	V									
	Managing requests for appropriate		V						V	V	V	V	V	V	V									
	Approving requisitions LEV1								V	V	V	V	V	V	V									
	Approving requisitions niv2								V	V	V	V	V	V	V									
	Quality Manager								V	V	V	V	V	V	V									
	Store Manager								V	V	V	V	V	V	V									
	Approving requisitions niv3								V	V	V	V	V	V	V									
	Catcher		V	V	V	V	V	V							V			V	V	V	V	V	V	V
	Receipt of goods		R	V	V	V	V	V									V	V	V					
	Approving requisitions niv4		V	V	V	V	V	V						V	V	V					V	V		
	Approving purchase requisitions		V	V	V	V	V	V						V	V									
	Accounting Manager		V	V	V	V	V	V																
	Expense Manager HR		V	V	V	V	V	V																
	Expense Manager		V	V	V	V	V	V																
	General Manager		V	V	V	V	V	V																
SugarCRM	SUGAR CRM Administrator		V											V	V	V								
	SUGAR CRM SuperUser		V											V	V	V								

Create Role

Add to role content

Replace role content

Roles

Identity

admin

base

Expense&Accounting

Sales

Count: 4

base

Sales base permissions

permissions in role

Permission

Claims management intervention

Consultation repository provider niv3

Consultation repository provider niv4

Management indicators

Count: 4

people in role

fullname

Ana RICE

Carlos HOLT

Donald UNDERWOOD

Garrett WARNER

Isaac AUSTIN

Ismael CLARK

Israel KIM

Count: 18

Contacts



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