



### Overview

#### The Company

- UK based. Global reach.
- Founded 2013
- Revenue from software licence sales & Professional Services

#### Clients

- Typically, 4,000+ staff
- Successful smaller engagements
- All industries

#### Partners

- Consultancy firms
- Implementation partners
- Identity & Access Management vendors

#### Use idax to:

- Find over privileged accounts
- Risk Based Access Request
- Risk Based Access Reviews
- Access Clean up
- Automated Role Mining
- ID&M Software implementation

#### Business Benefits

- Improved compliance
- Operational cost savings
- Increased productivity
- C-Suite access risk visibility
- Improved risk effectiveness

#### Data Sources

- Any and all entitlement data sources

#### System Requirements

- Windows
- 16GB RAM
- .NET 4.5
- i5 or higher

#### Contact

[www.idaxsoftware.com](http://www.idaxsoftware.com)  
[enquiries@idaxsoftware.com](mailto:enquiries@idaxsoftware.com)

### Challenge: Too many entitlements to manage effectively

Despite years spent focusing on perimeter security, cyber-attacks and data breaches are a greater challenge than ever before. Securing the data itself with effective access control is now acknowledged as the first line of defense.

However, organisations face the challenge of controlling millions of access rights across thousands of employees without compromising productivity. Many companies lack the necessary tools to do an effective job and are therefore overwhelmed with the sheer volume of entitlements.

### Solution: Risk Based Access Control from idax

idax uses highly sophisticated algorithms to assess the appropriateness of millions of entitlements across multiple data sources in just seconds. It uses its findings to generate a risk rating between zero (not risky) to ten (risky) for each employee and their access rights. This identifies over privileged accounts in a fraction of the time it would take conventional methods and effectively informs any clean-up effort. Quick and easy re-analysis of the same data demonstrates improvements over time.

idax strengthens existing access request and review processes by allowing low risk access to be approved in real time and providing more context and intelligence to managers asked to approve higher risk access.

### Benefits: More effective Access Control

idax's risk based intelligence delivers productivity gains and compliance improvements whilst helping to reduce risk and operational cost. These combine to significantly reduce the burden of access control on the business.

idax is able to take around 90% of entitlements and 65% of managers out of each review cycle altogether whilst delivering operational cost savings of 40%

Jeremy Davis Mover

Manager: -- Group: G-2 Customer Support (23)

Role: Senior Associate, Back Office Department: 2 Facilities Team

Role Risk: 1.7 Dept Risk: 9.1

Next Role: Technical Adviser Next Dept: 2 Customer Support

Asset	Asset Wt	Ind	Role	Dept	#All	#Role	#Dept
<b>Not In Dept or Role 5 Assets</b>							
Cust supp scanned group.Groups.demo.bank.idax.uk	9.0	✓	✗	✗	3	1/4	1/6
Portfolio Services.Groups.demo.bank.idax.uk	8.8	✓	✗	✗	3	1/4	1/6
Snow_PaymentReportViewer.Groups.demo.bank.idax.uk	8.0	✓	✗	✗	15	1/4	1/6
LinkedIn & Twitter access.Groups.demo.bank.idax.uk	6.0	✓	✗	✗	16	1/4	1/6
IDXBK-APP-PRISM-Admin.Groups.demo.bank.idax.uk	4.3	✓	✗	✗	40	1/4	1/6
<b>In Role or Dept 25 Assets</b>							
<b>In Role and Dept 9 Assets</b>							
IDXBK-ARPA_DATA-DATA-R.Groups.demo.bank.idax.uk	1.6	✓	✓	✓	103	3/4	3/6
IDXBK-ARPA_ARPADATA-DATA-...	1.3	✓	✓	✓	111	3/4	3/6
wcm_compass.Groups.demo.bank.idax.uk	1.0	✓	✓	✓	84	3/4	3/6
IDXBK-ARPA_APPS-DATA-R.Groups.demo.bank.idax.uk	0.3	✓	✓	✓	177	3/4	3/6
DM Users.Groups.demo.bank.idax.uk	0.1	✓	✓	✓	415	3/4	5/6
Profile Redirection.Groups.demo.bank.idax.uk	0.1	✓	✓	✓	357	3/4	3/6
Remote Access.Groups.demo.bank.idax.uk	0.1	✓	✓	✓	273	2/4	3/6
UserGroup.CRM.Groups.demo.bank.idax.uk	0.1	✓	✓	✓	390	3/4	2/6
IDXBK-ARPA_APPS-DATA-...	0.1	✓	✓	✓	279	3/4	2/6
<b>Missing but in Role and/or Dept 14 Assets</b>							
All Facilities.Groups.demo.bank.idax.uk	9.3	✗	✗	✓	4	0/4	4/6
Facilities and Records	9.2	✗	✗	✓	4	0/4	4/6

### Access Review: Eliminate box-ticking during reviews

Access Control is now the front line in the fight against data breaches. The SELECT ALL> APPROVE approach often deployed by many managers faced with a growing mountain of anonymous access rights, is a far greater risk than it once was. Effective entitlement reviews are critical.

Integrated in to the heart of existing access review systems, the intelligence delivered by **idax** significantly improves the effectiveness of reviews by ranking employees according to their access risk. Only individuals with high-risk access are reviewed by managers. Using this intelligence, **idax** has delivered reductions of up to 90% in entitlements sent for review, 65% in the number of managers doing reviews and cost savings of up to 40%.



### Access Request: Instant approvals with added peace-of-mind

**idax** supports improved employee productivity for both low and high risk access requests by providing the intelligence and context necessary for quicker decisions. **idax** knows when access is low risk and informs the request system to allow instant approval. Where **idax** deems access to be high-risk, it provides the request system with the additional context necessary to allow managers to make appropriate decisions quickly.

### Access Clean-up: Bring focus and intelligence to your entitlement landscape

Whether your data is structured or unstructured, **idax** can provide a single view of access rights from across the enterprise and in to the cloud. The risk intelligence output from **idax** directs efforts to those individuals whose access requires the most urgent attention.

### JML Process: Know which access to add and which to remove

**JOINER** **idax** generates dynamic access templates from multiple entitlement sources giving joiners access to everything they need to have access to from day-one.

No more cloning, no more asking managers, just the right access at the right time.

**MOVER** People accumulate access rights as they change roles within the same organization which can often then be cloned for joiners in the same role.

**idax** automatically suggests which access rights to add and remove when attributes such as 'role', 'department' or 'location' change.

**LEAVER** **idax** not only highlights orphaned accounts but also suggests who the previous owner might have been to allow fast remedial action.

**idax's** fuzzy matching algorithm almost entirely removes inaccuracies in this process.

### Role Mining: Role Based Access Control made easy

Implementing Role Based Access Control (RBAC) is challenging. Roles proliferate almost as fast as their component access requirements change and attempts to find a good fit for each employee often creates almost as many roles as there are employees. Essentially that would be Employee Based Access Control (EPAC) and that's just 'wrong'.

**idax** has intelligent algorithms which continuously mine access data to dynamically define ideal roles. Our advanced grouping algorithms can then group users into the correct roles, based only on current patterns of access.

Using this methodology, **idax is able to** addresses questions asked of any RBAC implementation: How many roles do we need? What access should each role have? Who goes in which role? Answering these questions takes **idax** just hours but without **idax**, projects can be extremely expensive and take months or even years. Most fail completely.

**idax** was recently engaged by a leading Asset Management company looking to implement RBAC as part of a new solution from a leading IAM vendor. The client had originally allocated 6 weeks for role-mining and had anticipated talking to each individual manager across the business to understand what constitutes the correct access for each role. Using **idax** they were able to complete the work in only 3 days and without disturbing managers.