

Innofactor
Identity
Management
Assessment

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As the age of cloud continues and the use of cloud applications increase, organizations will have to strengthen their focus and efforts on Identity management to stay secure and compliant.

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Challenges

When moving from an on-premise application stack to a cloud application stack the user is granted more freedom/ease of location/device to access company data. While this is a great advancement for productivity it also makes applications more vulnerable to malicious users.

Some studies indicate that more than 70% of breaches are tied back to weak or mismanaged credentials.

Security and compliance issues

- Former employees retain access to core systems years after changing company, this is identified as one of the major problem in the current security landscape.
- Failing to promptly discard retained former-employee data poses potentially large repercussions in the GDPR age.
- Manually formed and enforced credential management routines lacks the security and effectiveness of automated processes.

Organisational productivity issues

- Newly hired employees wait days and weeks to be fully operational due to Analog/slow credential/user onboarding.
- Lack of automation in password recovery is show as one of the greatest time stealers in Helpdesk cases.
- IT operations waste time and efforts with manually: provisioning/revoking access and restructuring/cleaning AD's

All of the problems above equate lost time and resources.

Ideal Solution

While building towards an ideal IAM situation in your organization the following best practices are emphasized by Innofactor.

• Automate your processes

Any manual credential change process (with exceptions for quality tests and revision) is considered fundamentally flawed and should be attempted remedied over time. This is the cornerstone of modern efficient IAM strategy.

• Centralize your IAM documentation and maintain governance

Start considering your IAM as an independent but central part of you IT and security efforts. Build and maintain a governance schematic for all components, processes and services considered part of IAM, while you steadily work towards an optimal situation.

• Consider IAM software and services

Investigate the different IAM-software vendors and their offerings and compare it against your own organizational need to protect data and need for functionality. The medical sector and finance have other IAM-application needs when compared with Shipping or retail. Technologies like MFA can on the other hand be considered universally recommended. IAM-vendors offer different solutions at a vastly different price range.

• Zero-trust and AI empowered security

Attackers are getting smarter and more organized. With the Zero-trust security model as your foundation and AI-empowered security tools as your digital advisors, stay ahead of the curb and reduce risk of breaches.

Desired Outcomes

For Microsoft

- Raise the security knowledge at customers.
- M365 E5 licenses required for top security functions.
- More secure cloud applications, more trust in cloud.

For Customers

- Adapt/learn the best practice for Identity governance.
- Save time and increase security level by automating mundane manual processes.
- Gain user satisfaction by enabling services like SSO and passwordless.
- Compare different services and providers with competent advisory to optimize cost and reduce risk.



Innofactor Identity Management Assessment

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With Innofactor Identity Management Assessment the customer gets data and advice they can use to pivot their organization towards a more secure and cost-effective cloud operating model.

Reduce manual work

- Automate processes like password reset, request new user, request new access
- Make operational tasks like AD clean-up an obsolete task by automating on/off-boarding.

Deploy best practice

- Security and governance best practices as default.
- Leverage Innofactor's senior IAM experts to avoid risk and design flaws.
- Co-operate better with governed IAM practices.

Implement tested services

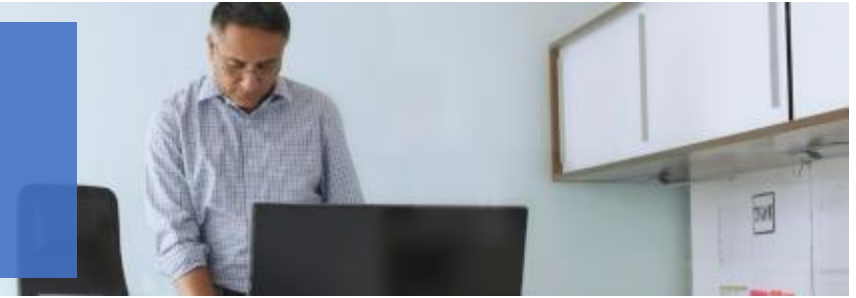
- Innofactor has implemented and has deep knowledge on most modern IAM tools and services.
- Gain firsthand insight as to which services and tools that should be picked/prioritized/avoided.

Return on investment

- Gain operational capacity by automating tasks.
- Reduce staff onboarding delay.
- Avoid costly mistakes when choosing IAM software/services.
- Reduce risk of costly breaches.

“We realized we need more advanced data security and better access management functionality. We decided to contact Innofactor. Their task was to come up with the best practices for us to meet these needs, and they did a perfect job of that”, Øyvind Takøy Naas, Senior Advisor and Head of Security, Hafslund ASA

Innofactor Identity Management Assessment



The express route to understanding your organizations current IAM footprint, while at the same time assessing what elements should be key in your future identity and security roadmap

Solution Alignment

Innofactor IAM Assessment+ M365 E5 + Azure AD

“Customers often ask how safe it really is to migrate to the cloud. Is having everything out there on the net sufficiently secure? Is there sufficient control? The answer is that migrating your identity, email and personal folders to the cloud brings lots of new security-related features, providing more security than an in-house data center”

Nils Olav Aasen, Chief Solutions Architect, Marin IT (4,500 cloud users across a global fleet with 70+ ships)



Innofactor IAM assessment + Microsoft identity manager + Azure AD

“Our cloud journey is a component in the development of the applications we deliver. Through the analysis delivered by Innofactor we’ve been given the insight needed to safely and securely adapt new cloud services going forward”

**Kristian Styrvoll , head of IT operations, Innherred
Kommunesamarbeid**



Innofactor IAM assessment + Password reset + MFA + Azure AD

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