

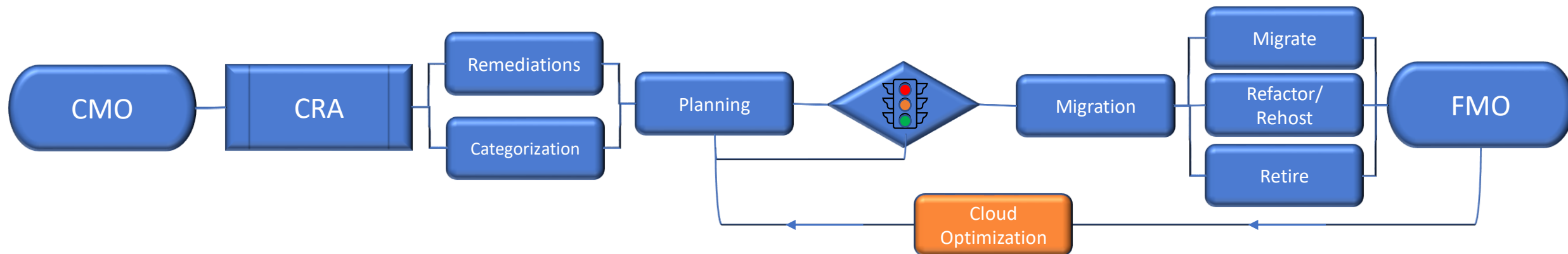
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Cloud Optimization

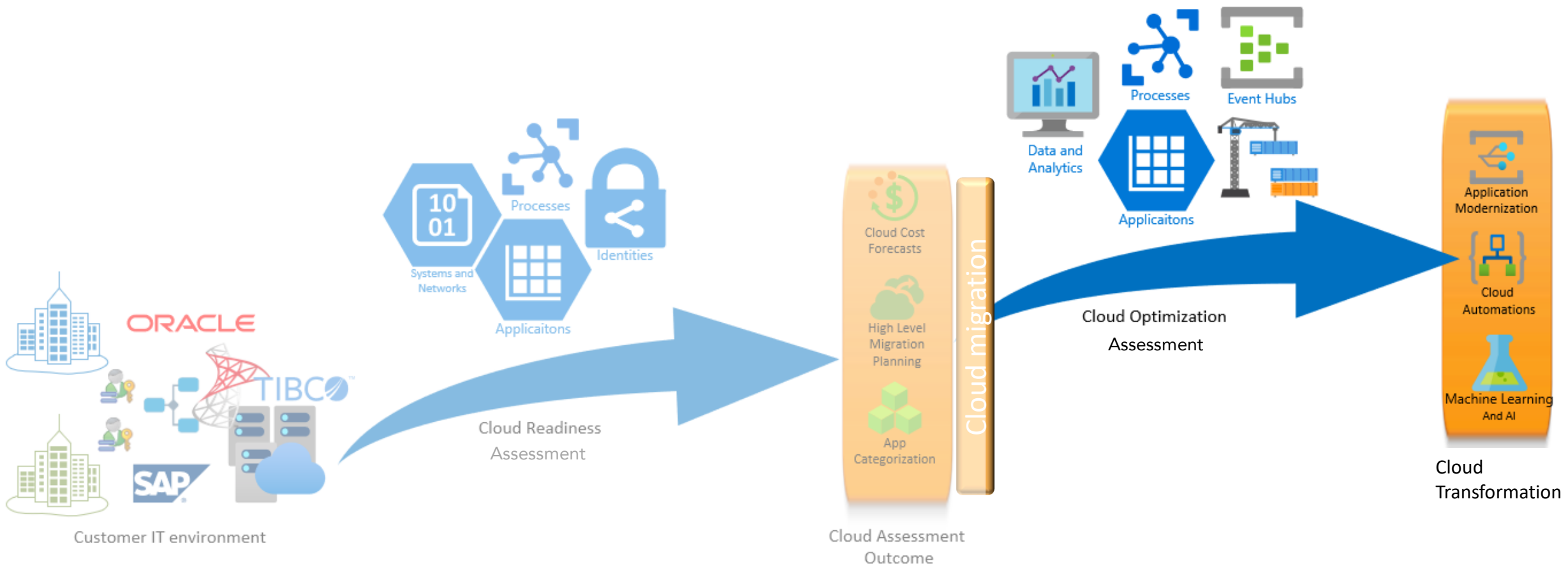
Cloud Optimization and Transformation is the continual ongoing process of monitoring and tailoring your cloud environment to ensure that it is performing efficiently and delivering or exceeding on the original business expectations and objectives for the cloud implementation.

Data from your cloud environment gathered through specific cloud and network analytics tools is used to constantly identify required tuning of the environment. Application and Database Architectures may need to be transformed in order to meet new and evolving business demands and the cloud architecture itself may need to be altered to better accommodate these developments as the cloud becomes the native IT architecture of the business.

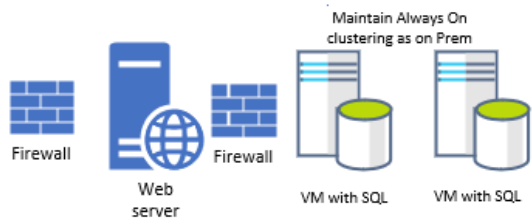
Expertware, through its Integrated Operations Centre (IOC), has the skills and resources needed to monitor and manage cloud optimization which starts with a regular cloud Optimization assessment.



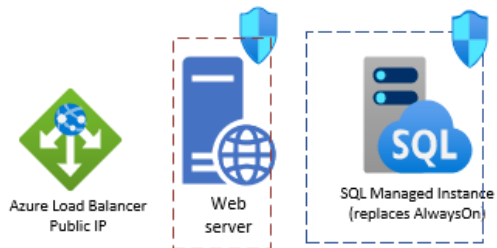
Cloud Optimization is part of a wider set of cloud management services



IaaS



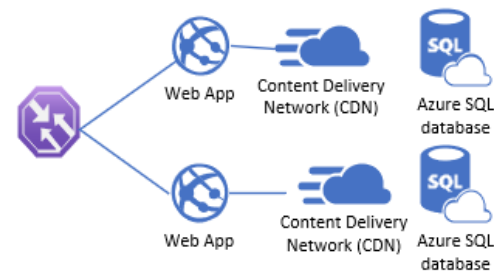
Hybrid IaaS + PaaS



Transform



Modernize



Migrate Virtual Machines
Recreate traffic flows
Operational activities and responsibilities with customer

Leverage PaaS offering
Adapt configurations to use PaaS solutions like application gateways, SQL Managed Instance, etc.
Operational activities and responsibilities decrease (e.g. monitoring, backup, HA responsibilities for SQL Managed instances are offloaded to Azure). DBAs should not be concerned of backups, updates for the DB engine etc.

Transform application architecture
Web servers can be replaced by Web Applications, SQL managed instances by Azure databases, leverage HA capabilities from Azure

Modernize applications
Enhance end user experience: introduce Azure Front Door / Azure Traffic Manager, Content Delivery Network for static web resources, Azure Virtual WAN



Expand initial IaaS / PaaS architecture leveraging Public Cloud ecosystem :

1. Hybrid cloud offering.

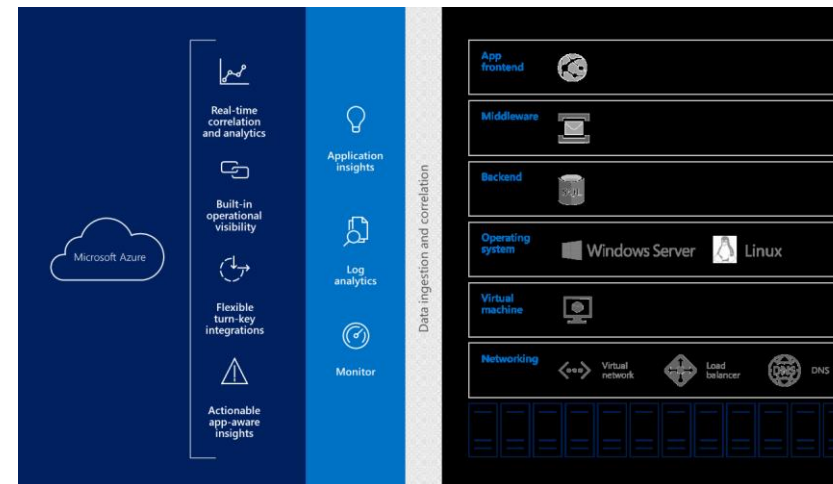
More and more customers will move to a mix of on-prem DCs and dedicated private on public clouds. Position as the integrator company assisting customers in the complex journey.

2. SOC services.

Expertware has service templates and automation playbooks for a staged implementation: segregation of environments with NSGs and vNets, secure routing (forced tunnelling, IDS/IPS hubs based on Checkpoint, Palo Alto, Fortinet), central logging, MITRE attack rule-based templates and full SIEM capabilities with Azure Sentinel or other third-party tools.

3. Azure Monitoring & Application Insights.

Expertware implements Azure alert rules for every component (networking, VMs, applications, services) + Metrics collection and analysis + Network Watcher + Network Performance Management + Application Insights + Log Analytics + Service Maps offering unprecedented granularity.



4. Business continuity on-demand.

Provide to your customers true disaster recovery using Azure replication between on-prem DCs and Azure regional DCs (38) and orchestrated automations delivered by Expertware.

5. Customer LOB automations.

Leveraging Expertware workflow engine (UiPath, Azure Development) to build bespoke customer solutions and offer them on a subscription base as SaaS solutions.

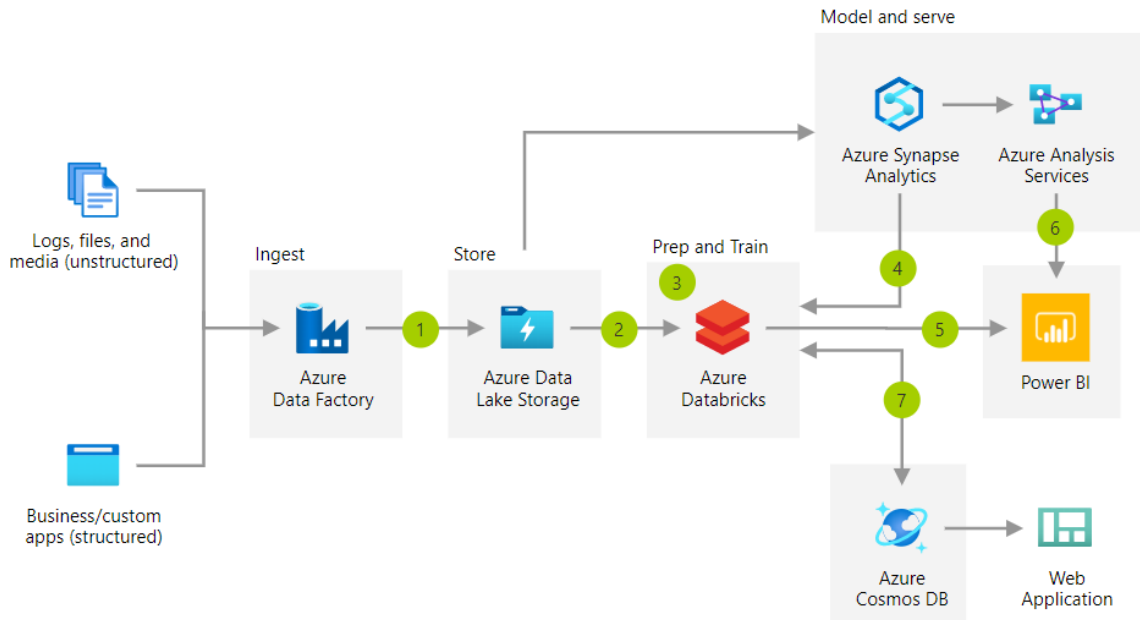
Expand initial IaaS / PaaS architecture leveraging Public Cloud ecosystem :

6. Azure templates

Expertware designed from simple Azure QuickStart templates to full turnkey data centres based on Azure. These components are reusable blueprints allowing complex deployments in seconds vs. heavy design and implementation in IaaS traditional model.

7. Improved Customer experience.

Customer empowerment, immediate self-provisioning, broader offering compared with IaaS/PaaS.



8. Intelligent Cloud based on Analytics.

Expertware competencies in data services and BI comes as a differentiator allowing the extraction of golden metrics, KPIs, forecasts from logs, metrics streams of data, data at rest structured and/or unstructured.

9. Business Process Optimization.

Detect process patterns and shortcut data flow through automation. Run AI models against customer data (classification and/or decisional algorithms) offering state of the art recommendations only with the services present in Azure and our development.

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Our Company

History

2020



IOC created by merging SOC NOC and ITOC capabilities

2019



Multi –cloud assessments & deployments

2018



Cloud Managed Services Provider on Azure & Office 365

2012



Opening of Remote Services Centre in Suceava, Romania

2011



Support Services based on Microsoft Technologies

2010



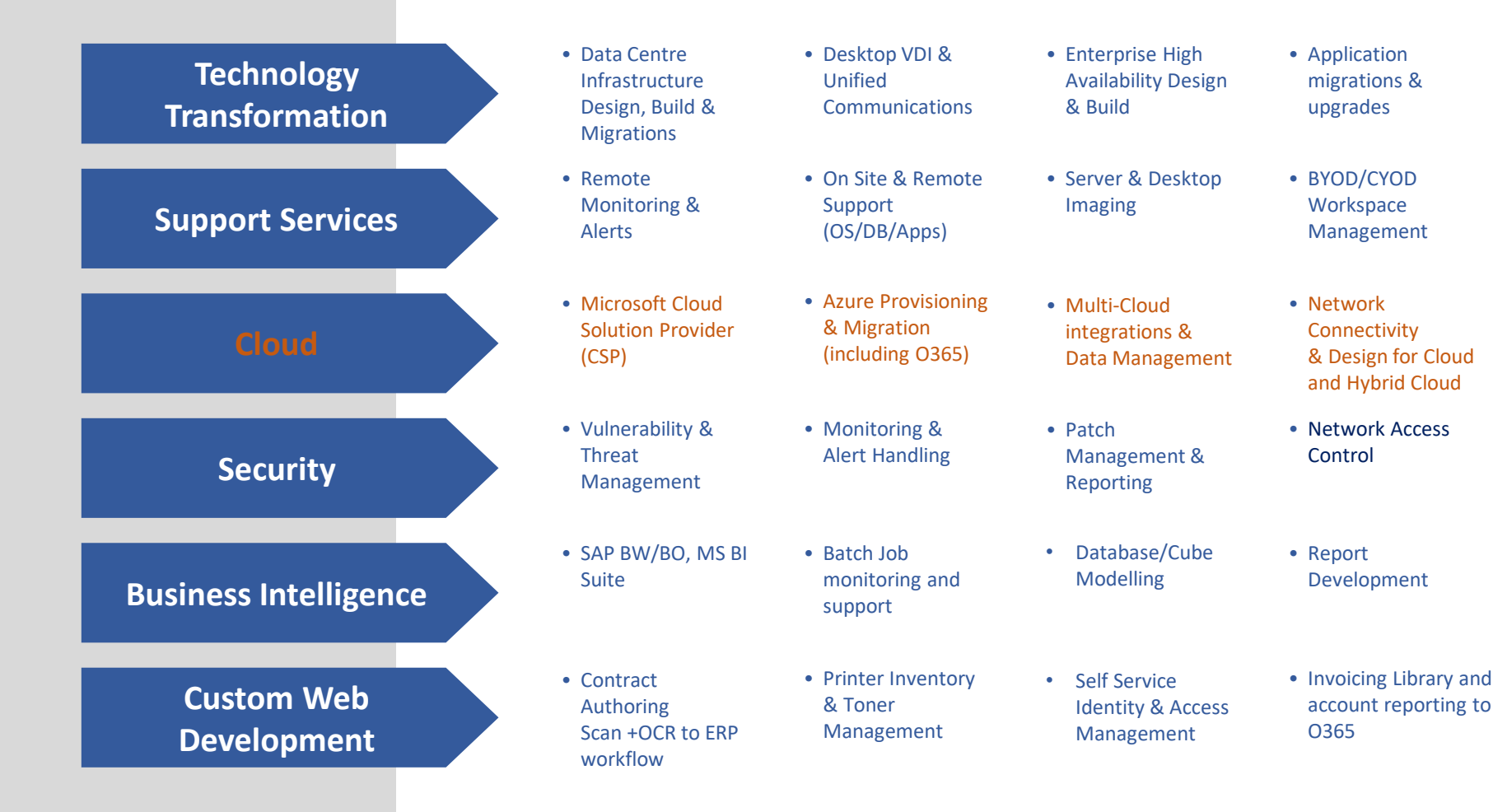
Start of Cloud Implementation Services
Technology reach extended VDI, BYOD, CYOD

2006



Company formed by the current Directors
Initial focus on Datacenters and IT Strategy

Competences



Service Model



12/24h support with granular service levels



Combination of on-site and near-shore, multilingual resources



Alignment with customer service catalogues & processes



Complimentary skills, covering build and run activities



Self-service insights and provisioning through Expertware toolset



Service management & reporting through dedicated SPOC

Education & Certifications

- Framework agreement with the University of Suceava for:
 - Joint research & development programs (NAC, SIEM, Cyberdefense AI/ML)
 - Opportunity to hire graduates from the IT faculty
 - 95% of employees graduated with IT or scientific degree
- 4 Microsoft partner accreditations including Data Centre, Development, and Cloud Productivity
- 28 Microsoft MCP certifications held or undertaken within the company covering; Data, Cloud, and Development competences.
- Certifications held across Cisco, Linux, Checkpoint, SAP, Palo Alto, f5, and other solutions.
- Partnerships with SIEMonster, F-Secure, CrowdStrike, Packet Fence, VMware, elastic, and others
- Member of the Belgium Cybersecurity Coalition
- Internal training program requires each technical resource to keep their certifications up to date and develop these along certification roadmaps.

Interested?

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contact us to discuss your specific requirements

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