ORLOX

internship assignment

Configuring and Securing the modern workplace

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ABOUT ORLOX

Working from home, checking your agenda, and planning on your phone, making videocalls from a coffee shop, helping a colleague from abroad, making notes on your tablet... all obvious these days.
A good thing because the digital workplace has a positive influence on the productivity and efficiency of employees. However, many organizations are not quite ready to keep that digital workplace up to date and secure.

Orlox is a company within the Cronos group specializing in securing the digital workplace. We support our clients by having infrastructure & development teams working closely together from modern identity to modern business applications.

As Orlox we offer services based on the following pillars within an IT environment
- Identity & Access Management
- Endpoint & Messaging Security
- Infrastructure Services
- Data Protection

Thanks to the expertise of our people, we can combine this knowledge to develop solutions that can help our customers increase their overall way of working by providing them with the tools they need to keep their environment safe.

ABOUT THIS INTERNSHIP ASSIGNMENT

These days, users are more mobile than ever and expect to be able to do their job in a flexible manner: from any location, at any time, using a device of their choice — corporate or personal. IT departments no longer just support users to do their jobs; they also need to ensure corporate assets and data are controlled and secure. As technology evolves at the speed of light, the challenge for IT departments is to keep up with these evolutions all whilst maintaining security and compliance without the impact to the user experience.

The goal of this internship assignment is to create the ideal modern and secure workplace from scratch based on the Microsoft (365) stack.

Cybersecurity Reference Architecture
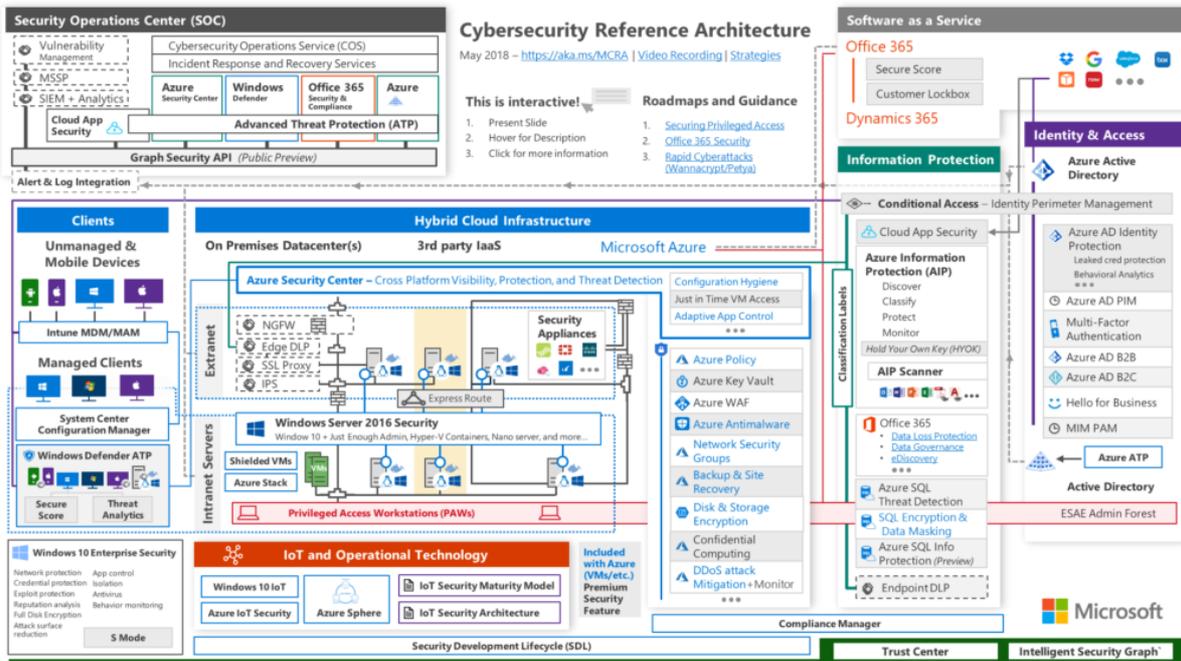
The student will start with designing and configuring a greenfield on-premises environment which contains at least Active Directory, DNS, File Services, endpoints and Configuration Manager for Endpoint.

Once the on-premises environment is configured, the goal is to transform the on-premises environment to a modern workplace which leverages the Microsoft Security features to secure Data, the On-premises datacenter, SaaS Applications, Endpoints and identity. Also monitoring of these components is critical in a successful project.

Microsoft Security Assets

DATA	CLOUD & DATACENTER	APPLICATIONS (SaaS)	ENDPOINTS (Devices)	IDENTITY
Rights Management Services Information Protection	OMS Security Azure Security Center	Cloud App Security Advanced Threat Protection	Device Guard Credential Guard Intune Windows Hello Windows Defender & ATP	Azure AD Identity Protection Advanced Threat Analytics

The project as described above will be performed using the project approach Orlox uses in real life situations, which means that there is an intake, design, implementation and handover phase.