

Integrated Solutions Sp. z o.o.

Azure Stack Full Hybrid Ecosystem

Modernize your
IT infrastructure with
Azure Stack



INTEGRATED
SOLUTIONS

Digital Solutions Partner



Customer scenario



Challenging Scenarios

Acquire expertise in the architecture of **Azure Stack** environments.

Modernization and compliance capabilities for local environments and legacy applications.

Enhance the security of local environments and data storage.

The use of Direct Storage technology for data storage, which significantly affects the optimization of maintenance costs.

Leverage containerization for **greater efficiency** with legacy applications .

Modernizing, increasing the speed and accuracy of **data analysis**

Leveraging modern **Machine Learning** solutions.

Upgrading remote working tools based on **VDI**.



Perfect Solution

The **Azure Stack Full** - Hybrid Environments workshop allows you to gain expertise in modern hybrid environment architecture design.

The workshop will help you choose the most effective strategy for leveraging and combining the capabilities of the **Azure Stack** environment using **Azure Stack Hub**, **Azure Stack HCI** and **Azure Stack Edge** services.

Thanks to the **Azure Stack Hub service**, it will be shown how to implement Azure public cloud services directly into local environments also those separated from the world wide web.

With the **Azure Stack HCI** service, you will be able to implement virtualized **Windows** and **Linux-based** workloads in a **hyperconverged infrastructure** (HCI) cluster in your own data center or a data center managed by a service provider.

The **Azure Stack Edge** service gives you the opportunity to leverage the high performance of certified devices provided by **Microsoft** or affiliated Partners in the area of analysis, processing and transferring data to the **Azure public cloud** using the advantages of modern **Machine Learning** technologies.



Workshop Value

The workshop will define a detailed strategy for the design and implementation of hybrid environments architecture, combining local systems and modern **AZURE cloud services**.

The workshop will show how to properly define the needs and select the appropriate **Azure Stack services** based on the analysis of the current situation of the organization.

The workshop will teach how to work efficiently and flexibly with containers and **hyper-converged environments**.

The workshop will show how to extend the basic capabilities of the **Azure Stack** environment with advanced security and management features.

The workshop will show how to use **Azure Stack** services to ensure compliance and the ability to leverage modern **Azure public cloud** features in legacy environments and applications while maintaining and even improving their performance.

The workshop will also show how to improve the data processing and storage area while optimizing costs with **Azure Stack**.



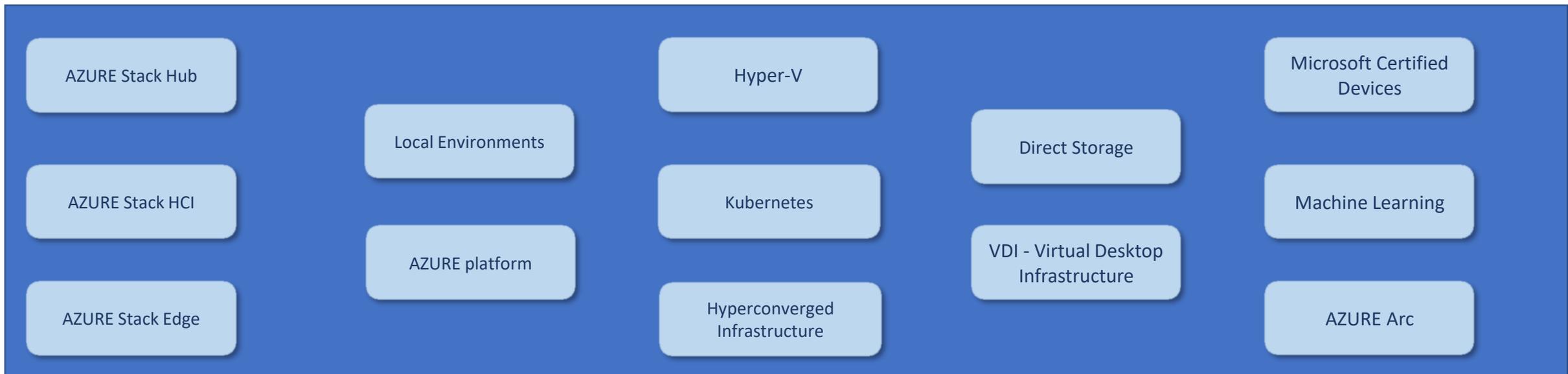
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Azure Stack Full - Hybrid Ecosystem

Modernize your IT infrastructure with Azure Stack



The **Azure Stack Full - Hybrid Ecosystem** workshop is an introduction to the Azure Stack service portfolio and describes the basic architecture, core capabilities and major use cases for its solutions. The workshop will learn the taxonomy of the AZURE Stack ecosystem in the extended perspective and will deliver ability to define needs, differentiate between needs and tailored hybrid solutions.



Azure Stack Full - Hybrid Ecosystem workshop can be also tailored to the needs of any organization. The **Azure Stack Full - Hybrid Ecosystem** workshop is mainly dedicated to Cloud architects and IT specialists experienced in designing infrastructure architecture and solutions in Cloud technologies.

Customer Success Story



One of the largest manufacturer companies in Poland.

- January 2022
- Manufacturer/Poland

Customer scenario - the customer was looking for support in developing a strategy plan for modernization of an application providing up-to-date information on inventory levels of semi-finished products to production department employees. The application was running on a legacy Windows Server 2008.R2 system and utilized locally stored resources from a diverse database environment, including SQL Server 2008.R2 and other vendors providing data on their products. The Customer expected that the new solution would enable the use of modern data management functions, supervision over access to data, ensuring compliance of the application with local regulations and the possibility of cooperation with modern IT solutions implemented in other areas and departments of the company, e.g. Microsoft Dynamics and mobile devices.

Recommended Solution - during the workshop, the customer received a wide range of practical knowledge supported by scenarios of use of individual solutions, tailored to their needs and the current environment in which they are located. It was shown how to correctly identify needs, choose appropriate solutions and correctly implement them in the current IT environment. The Customer was most interested in the AZURE Stack Hub solution and the possibilities of using advanced Azure platform services, including those supporting databases and data processing. At the end of the workshop, together with the Customer, a POC test environment for 20 users was launched and modern functions offered by Azure public cloud services were deployed.

Workshop Value

The workshop was conducted on practical examples of using **Microsoft Azure Stack** services from the **Azure Stack Hub** solution, **Azure Stack HCI** and basic scenarios in the **Azure Stack Edge** solution.

It was presented on how to connect not supported systems with modern **AZURE platform solutions** and ensure compatibility with other work tools.

It was presented how to use the powerful capabilities of the **Azure Stack** environment with **Microsoft SQL** databases and other vendors providing data on their products.

Additionally, the area of security and privilege management based on the **Microsoft 365** environment and **AZURE platform** capabilities was covered.

After the workshop, the Customer received a **list of recommendations** and **action plan** based on an in-depth analysis of the current situation and environment.

Internal discussions were focused on taking fastest possible action in order to start modernize the application. As the next step a group of twenty users was selected to the pilot for the change adoption of new solution.