



# Azure Stack Full - Hybrid Ecosystem

Modernize your IT infrastructure with Azure Stack

Transition to the cloud brings numerous, significant benefits and increases the potential risks to organization. **Azure Stack** is a family of services that provide extensions to the **Azure platform** to consistently create and run hybrid applications across data centers, edge locations, remote offices and clouds. The Azure Stack family consists of **Azure Stack Hub**, **Azure Stack HCI** and **Azure Stack Edge**.

The **Azure Stack Full - Hybrid Ecosystem** workshop covers the most common and critical scenarios related to **Microsoft's hybrid cloud offering**. The workshop leverages the experience of Integrated Solutions professionals related to cloud transformation across the organization. Workshop includes a remote session with hybrid cloud experts, a summary of use cases with specific areas of focus for your organization, an executive summary including: key findings from the workshop, organization-specific use cases, sample configurations, and a proposal of next steps for most effective change adoption.

## The Most Important Areas

- AZURE Stack HUB
- AZURE Stack HCI
- AZURE Stack Edge



### Azure Stack HUB

**Azure Stack Hub** enables you to deploy a subset of the IaaS and PaaS services available in the Azure public cloud in your own data center or in a data center managed by a service provider. Simplifying **AZURE Stack Hub** is an extension to **AZURE platform** services for on-premises environments. These services include virtual machines, Web App Service applications, API applications and functions, SQL and MySQL databases, containers, Event Hubs, Key Vault, IoT Hubs, Service Fabric clusters and Kubernetes clusters. .

### Azure Stack HCI

**Azure Stack HCI** enables you to deploy virtualized Windows and Linux-based workloads in a **hyperconverged infrastructure (HCI)** cluster in your own data center or in a data center managed by a service provider. **Azure Stack HCI** can be understood as a pre-built, pre-configured, highly optimized hyperconverged cluster that can be used to deploy **Windows** and **Linux Hyper-V virtual machines**. **Azure Stack HCI** is well suited for Disaster Recovery and Failover Server creation scenarios.

### Azure Stack Edge

**Azure Stack Edge** enables machine learning-based processing for local data and uploading it to the **Azure platform** using a specially designed Microsoft-provided appliance located locally. Microsoft offers such appliances on a subscription basis that facilitate a wide range of deployment scenarios. **Azure Stack Edge** can be understood as using a pre-built, specialized appliance that can be used to process and analyze data at edge locations and upload it to the **Azure platform**.

### Expand your environment

- Azure Stack HUB
- Azure Stack HCI
- Azure Stack Edge

How does it look like ?

# Azure Stack Full - Hybrid Environments

Improve Your Environments with Azure Stack

## Introduction



The workshop begins with an introduction and overview section, during which we will discuss the scope and purpose of the workshop.

## Azure Stack discussion of concepts

In this part of the workshop, the lead engineer will walk participants through the basic concepts and services of the **AZURE Stack** environment along with a breakdown of their taxonomy. Basic capabilities and use cases of **Azure Stack** offerings will be described. Identification of core components and popular tools along with the basics of deployment and management strategies for **hyperconverged infrastructure**.

## Conclusions from the analysis of the environment

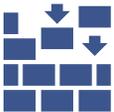


Based on an analysis of the organization's current situation, the initial purpose and capabilities of the **Azure Stack** environment will be outlined, and the need to expand the workshop to include additional services such as collaboration capabilities between **Azure Stack** and **Azure Arc** will be addressed.

## Demo – Azure Stack

This section will demonstrate the practical use of **Azure Stack** services. Using previously collected data and information from environment analysis, scenarios of practical use of **Azure Stack Hub**, **Azure Stack HCI** and **Azure Stack Edge** services will be presented. The most common and effective combinations of service connections in diverse environments such as local, cloud or hybrid will be shown. The goal of this part of the workshop is to provide participants with an exercise that will help them learn how to correctly identify cases and effectively implement possible scenarios.

## Defining the strategy



The final stage of the workshop will be to define a roadmap and appropriate development strategy for the **Azure Stack** environment based on the organization's current and future needs. This assessment will be based on the analysis and discussion with the participants and the review of the most suitable scenarios of use and combination of different solutions.

### Our promise to you

Our workshops will help you achieve your business goals better and faster than the competition

### An offer to get you started

- If you are interested please call +48 509 205 000
- or visit our website [www.integratedsolutions.pl](http://www.integratedsolutions.pl)

## Delivered Values / Desired Outcomes

- The workshops are conducted by an experienced expert from the Microsoft Competence Center at Integrated Solutions.
- Substantive and practical knowledge is conveyed in an understandable way and adapted to the recipient's expectations.
- Workshops are always based on the latest versions of Microsoft products and services.
- The workshops end with a summary report and a proposal of an action plan.

## Why Integrated Solutions Sp. z o.o ?

We are trusted advisor on a market in digital solutions area. As a experienced Microsoft Partner, we advise our Customers how to develop their businesses even better thanks to digitization and modern technologies. We provide ready-made solutions and provide the highest level of security for deployment.