



ACUUTECH  
MESH

# HYBRID HCI SOLUTIONS

POWERED BY

**AZURE STACK HCI &  
THINKAGILE MX**

ENHANCED BY

**ACUUTECH MESH**

**Lenovo**™

# Microsoft Azure Stack HCI Enhanced by Acutech MESH

Harness the power of Microsoft Azure Stack HCI with Lenovo ThinkAgile MX, simplified, enhanced and extended by Acutech MESH and empower your customers with the next generation of hybrid connected HCI solutions

With Acutech MESH, optimised for Lenovo ThinkAgile MX, deliver a suite of advanced capabilities and solutions to your customers. Without the technical, operational or commercial complexity traditionally associated with advanced platform solutions.

## Smarter together

Microsoft, Lenovo, Acutech; smarter together, empowering your customers.

The industry leading quality and reliability of Lenovo ThinkAgile MX, the market leading performance, feature set and commercial benefits of Microsoft Azure Stack HCI, all coupled with the automation, turnkey solutions, management and design services of Acutech MESH.

Deliver your customers a truly integrated offering, streamlined from end-to-end scoping, design, deployment, management and hybrid integration.

## Azure Stack HCI design without the complexity

Scope solutions without the technical headache and provide your customers with optimised configurations in seconds.

With Acutech ScopeSys design Azure Stack HCI solutions that meet your customers exact requirements, get to market faster and increase your transaction rates.

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### Design driven by business requirements

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Design in terms of business requirements, not component parts, with no technical knowledge of Azure Stack HCI or hardware required.

Let Acutech ScopeSys do the design math, always updated with the latest hardware and Azure Stack HCI feature changes, it correctly calculates the optimum hardware and networking configuration for your customer needs, allowing you to focus on service, not hardware parts.

## Deployment planning

We all know that planning deployments is a complex activity, with many stages where problems can occur:

- Making sure all the parts arrive
- Collecting configuration information
- Planning deliveries or building access
- Integrating with existing systems

All of this before even starting to think about the technical planning and configuration of the Azure Stack HCI system itself.

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### MESH provides an integrated workflow from end-to-end

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Acutech MESH provides an integrated workflow from end-to-end. Designed to make sure your Azure Stack HCI solutions deploy and integrate into your clients existing systems, first time, every time. More than simply professional services or consultation, Acutech takes care of everything, someone just needs to plug the hardware in; all delivered as part of the integrated Acutech MESH solution bundle.

## Managed automated deployment

Full automated deployment, from bare metal to working, validated system at the push of a button (and a USB stick). When we say fully automated, we mean fully automated, end-to-end deployment with no human interaction or technical skills required.

Repeatable, scalable and reliable configuring the entire platform:

- Hardware low level settings
- Networking
- Operating systems
- All Azure Stack HCI services
- Burn-in and validation

No PowerShell scripts, no Windows setup screens, no configuration wizards, no fiddling around with network switch configurations and NO MISTAKES!



## Deploy from anywhere

Difficulty attending deployment location. No problem, deploy the entire system remotely, from your office or via one of our approved partners, who can even perform the entire process for you. Then just deliver the turnkey solution to site and turn on the power.

## Track, log, audit, report

Isaac Newton said, "For every action, there is an equal and opposite reaction", we like to say, "for every action, there is a detailed audit of the action".

Who, when, where, how; every system operation, every configuration change, every parameter set. Recorded, logged and tracked from the millisecond it is created. The powerful Acutech MESH audit engine gives you complete visibility of all operations performed on-prem, hybrid and cloud through Acutech MESH.

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Every system operation, every configuration change, every parameter set, recorded, logged and tracked

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Easily gain deep insight into your managed systems, track usage trends or know exactly when a specific item was changed.

With the optional billing module, extend the audit system to provide advanced charge-back and billing capabilities.

Ideal for service providers, Microsoft CSP partners, clients running multiple departments or organisations on a single system.

Its powerful capabilities make it easy to create billing solutions based on almost any on-prem, Azure/M365 item or metric. Even bundled solutions that combine elements from all three platforms into a single product.

## Monitoring made sensible

Telemetry, data points, log counters and 1.27 million graphs' (oh and a requirement to be a data analytics' expert), the traditional approach to monitoring solutions.

With Acutech MESH we follow the key design goal, simplify. With clear and concise information, that is intelligent and content aware.

Built to deliver the information that is important and relevant.

Seamlessly blending the vast array of information collected between disconnected sub-systems; server hardware, networking, software and services, into simple to use integrated dashboards.

Of course, if you are a data scientist or don't like things being simple, Acutech MESH also gives you full access to the vast array of metric's collected and historically recorded, enabling you to build advanced data visualisations of your choice.

## HCI, hybrid solutions, today, tomorrow and beyond

Renowned as global experts in Microsoft platforms and HCI, Acutech have been building, optimising and enhancing software defined and hybrid connected infrastructure for over a decade.

With deep engineering relationships with Microsoft and Lenovo, Acutech solutions are optimised for the latest products, while constantly evolving to support the next.

Simplifying, enhancing and enabling; the Acutech MESH services model, empowering you to easily deliver wonderful solutions to your customers, today and into the future.

## Life-cycle management

Provide high-performance, stable and secure systems, from day 1 to day 1095, with an integrated suite of capabilities to keep your Azure Stack HCI systems in peak performance.

## Patch and update

Patch and update without the complexity, deploy validated firmware, driver and operating system updates to one or one hundred systems with ease.

Acutech MESH automatically installs the correct updates for your systems, managing the complete update process, from end-to-end, avoiding workload contention and maintaining system availability.

## Skip the complexity, new versions on-demand\*

In a rapidly changing world, your customers demand the latest capabilities and features. Validating, planning and deploying these new versions is complex and takes time.

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Azure Stack HCI features and version updates, validated, tuned and deployed, without fuss or system downtime

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Get the job done without the drama, through integrated version upgrades via the Acutech MESH solution. Automatically receive the latest major Azure Stack HCI features and version updates, each validated, tuned and deployed, without fuss or system downtime.

\* Appropriate Microsoft software upgrade license or contract required.

## Expand (or contract) with a single click

Need additional capacity or retiring older hardware. Do it all with ease, expand your cluster by adding (or removing) nodes with a single click.

Simply plug-in the new hardware and let the Acutech MESH automation do all the hard work for you, from deploying and configuring to optimising/balancing workloads and storage resources.

Even better, with Acutech MESH enabled ThinkAgile MX solutions, you can support different hardware configurations in the same system.

## Hybrid, cloud meets on-prem

Azure Stack HCI is hybrid ready and connected, easily leverage these capabilities and more with a broad suite of additional services.

With the Acutech MESH suite of services, in partnership with Lenovo ThinkAgile MX, provide your customers with the solutions that meet their organisations needs in the hybrid, connected world.

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Managed turnkey hybrid solutions

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From managed disaster recovery or streamlined IaaS, to powerful virtual desktop solutions or mobile device management all delivered as fully managed turnkey solutions.

## Pricing done simply

As you probably guessed, we like simple, so pricing is simple; per node, all capabilities for 3-years.

No complex pricing structure, no extra fees for larger solutions or more powerful hardware. Add the Acutech MESH solution to your ThinkAgile MX node order and everything is taken care of.

Even better, by designing the solutions in Acutech ScopeSys, all the required products, services and SKU's are automatically included, packaged and ready for your supply chain partner or distributor.

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Easily enhance and extend with additional services

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## Enhancing, not inhibiting

Improve and enhance, without constraining or limiting, a key approach to all Acutech MESH solutions.

Want to use other management tools; System Center, Windows Admin Center, even PowerShell, no problem. Need to install a 3rd party tool or agent, go right ahead.

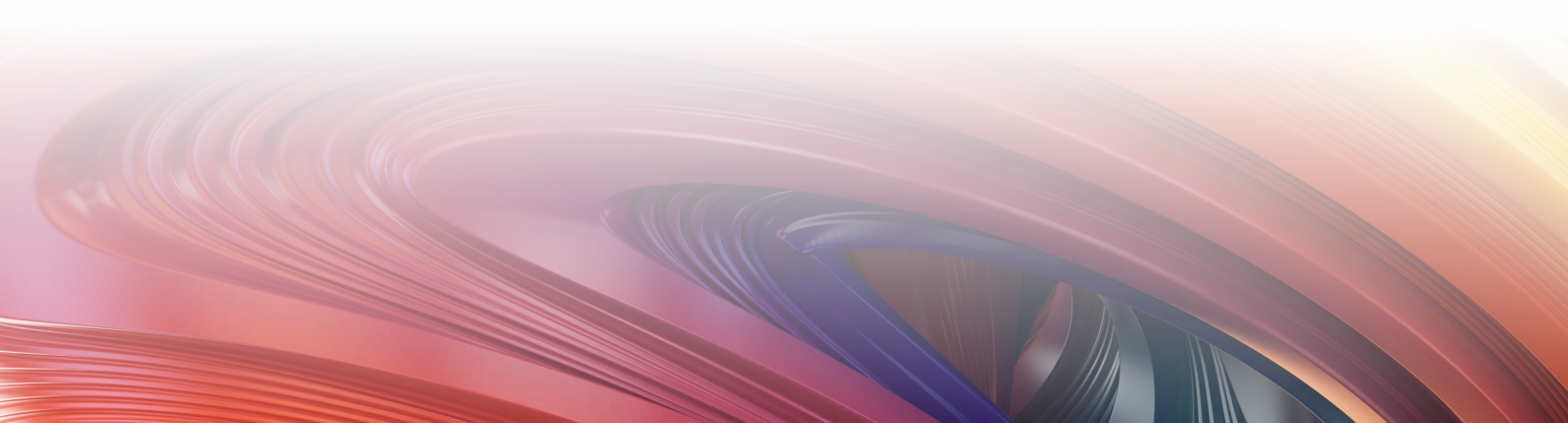
Acutech services operate transparently, without interfering, simply reading in and accounting for changes made by external systems when required.

Allowing you and your customers to use the workflows and technologies they wish.

## Lead the innovation and drive commercial success

Smarter together; Microsoft and Lenovo ThinkAgile MX, enhanced by Acutech MESH.

Empowering you to seamlessly deliver next generation, hybrid-connected Azure Stack HCI solutions to your clients.





- Pay-as-you-go turnkey service, which instantly ramps up or down with demand
- Optimised to manage private ('on-prem'), public, and hybrid cloud solutions
- Pre-integrated with a wide portfolio of class-leading services, including security, compliance, mobility, disaster recovery, and backup
- Trusted Lenovo infrastructure and Microsoft software for reliable, efficient operations
- Highly efficient management and administration processes

**[acuutech.com/enhancingthinkagileMX](https://acuutech.com/enhancingthinkagileMX)**

