



ACUUTECH
MESH

TURNKEY IT PLATFORM FOR THE REAL WORLD

Acuutech® MESH will transform
the way you work

ACUUTECH® MESH WILL TRANSFORM THE WAY YOU WORK

Most organisations have learned the hard way that IT system renewal doesn't always achieve the promised business benefits. Programmes justified on purely economic grounds frequently deliver the exact opposite and reacting to the latest trends can lead to a host of major problems and little gain. The result is that many businesses have been left in an **IT straitjacket**—a situation in which vital operational processes are inflexible and inefficient, infrastructures are built on obsolete technology, and vendors want to charge a fortune to introduce critical changes to services such as security and disaster recovery. In short, these are businesses driven by their IT and not by their strategy. It is this scenario which has led to the development of Acutech MESH, a **turnkey and modular IT** platform from Acutech. MESH has been specifically designed to meet the business needs of small- to mid-market organisations and builds on Acutech's extensive partnerships with **Microsoft® and Lenovo®**.

Lenovo Data Centre Group UK is delighted to be working with Acutech on its MESH offering. We look forward to working closely with Acutech to offer significant value to customers by helping to software-define data centres and services delivery.

AGILITY: THE KEY TO SUCCESS

Few would argue that agility is an important characteristic of a modern, successful organisation. The ability to rapidly respond to issues such as shifts in market behaviour, increasing (or decreasing) demand for capacity, changes in regulation, and emerging security threats is crucial and should not be compromised by inadequate IT performance. This is why agility is a fundamental element of the Acutech MESH platform, offering organisations a smarter way to work in which IT enables new initiatives rather than obstructing them. Acutech MESH exploits trusted technology to offer a system optimised for fast-moving organisations, a system which enables **rapid scaling** and provisioning, **pay-as-you-go** usage, and access to a broad portfolio of **pre-integrated services** which are constantly updated. MESH customers select the services they need from the portfolio, confident that they will work properly and that they will be protected from obsolescence. The platform also offers highly efficient administration and management features.

ACUUTECH MESH—WHAT'S IN THE BOX?

- Turnkey state-of-the-art hyper-converged appliance that scales to meet demand
- Modular suite of hybrid services designed to work in harmony with internal ('on-prem') systems and specifically designed for SMEs
- Directly integrated advanced cloud services:
 - Support for the latest advances in capabilities, security, and reliability
 - Adaptable to meet ever-changing business requirements
- 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

ACUTECH MESH CORE TECHNOLOGIES

Individually, hyper-convergence and cloud techniques have much to offer. **Hyper-convergence** brings unparalleled efficiency and flexibility to IT system design and levels of modularity which were unthinkable until very recently. It has enabled, finally, the system-in-a-box concept to be realised so that a complete installation can arrive pre-packaged, tested, integrated, and ready to go. Similarly **cloud technology** has brought solution designers fresh answers to difficult challenges such as capacity management, backup, security, and service delivery. Solutions can be designed as private ('on-prem'), hybrid, or public depending on specific operational, security, and financial circumstances. Acutech MESH utilises state-of-the-art hyper-convergence and cloud solutions from Microsoft and Lenovo, but it is the **hybrid IT** 'glue' and integrated, simple management features that joins these solutions together and stands Acutech MESH apart from other systems.

COST OF OWNERSHIP

The cost of ownership of traditional IT platforms is notoriously difficult to forecast, especially when new technologies and services are being deployed. This is because many of the solutions within the platform are disconnected from each other at a fundamental level even though they may well be operationally integrated. Each solution is typically procured, consumed, and charged in isolation even when sourced from a single vendor, while costs for hardware, consulting, and ongoing support can rapidly escalate. Solutions do not always scale to suit the business need and getting a handle on the IT cost of ownership becomes challenging to say the least. But when you need to add some new functions or services, you have little choice but to pay up.

MESH is a very different kind of proposition, however. Total cost of ownership (TCO) is predictable because it greatly simplifies the way you define, buy, use, update, and retire the various services and solutions your business needs to thrive. Think of it as a combination of two well-proven concepts familiar to the consumer world: pay-as-you-go and pick and mix. Pay for what you want, when you want it, and choose which of the portfolio of pre-integrated services you need and for how long. It really is that flexible and with flexibility comes operational efficiency and inherently lower cost. Service delivery and support are included as part of the package price, and there are no hidden extras.

USE CASES

Short-term capacity ramp: An organisation wins a design and development project requiring a sharp increase in processing assets and specialist resources. With an Acutech MESH platform, additional server and storage capacity can be rapidly deployed along with applications, while business functions such as MS Office and email facilities can be provided by simply adding users to the system.

Compliance changes: Changes in regulatory compliance used to mean expensive updates and the risk that they may introduce downstream problems. Acutech MESH users are protected from this because the services they use are constantly updated in line with requirements and automatically installed at zero cost meaning that services are always up to date.

Branch office creation: Deploying and managing multiple branch offices is a complex and costly activity, particularly for a limited number of users. With Acutech MESH, however, turnkey on-prem systems allow solutions to be rapidly deployed at branch offices, while the scale and feature set can be easily managed from a central location.



FEATURES

- Pay-as-you-go turnkey service, which instantly ramps up or down with demand
- Optimized 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

TALK TO US TO SEE HOW ACUTECH MESH CAN TRANSFORM YOUR BUSINESS

To find out more about MESH and how it can help transform your business, contact us by phone at +44 (0) 20 8502 2155 or via our contact form at <https://www.acutech.com/contact-us/>

