

## Q-SYS vCore + Q-SYS Control feature license

### KEY FEATURES: Q-SYS vCore

- Scalable Q-SYS functionalities in a fully software-based format.
- Deploy Q-SYS vCore on your own PC or server device using any of the supported hypervisors.
- Enables specific subsets of Q-SYS OS features, based on your choice of available Q-SYS vCore feature licenses\*.

### KEY FEATURES: Q-SYS Control feature license for vCore

- Control and automation for elevated UX. Perfect component for less complicated spaces.
- Assist users with Remote Monitoring and Help Desk.
- Take full control over legacy systems. Extend the life of an existing system without rip and replace

# Q-SYS™ vCORE

## Virtualized processor for Q-SYS

### Q-SYS vCore + Q-SYS Control feature license

Q-SYS vCore virtualized processor provides scalable Q-SYS functionalities in a fully software-based platform directly from your own PC/server compute device (via hypervisor), allowing you to drive a subset of the Q-SYS OS\*.

The Q-SYS Control feature license for vCore, which enables both the Q-SYS scripting engine and UCI deployment. Q-SYS vCore uses the same modern, standards-based IT architecture as the rest of the hardware-based Q-SYS processing portfolio. Furthermore, it utilizes the same software (Q-SYS Designer Software) to build, design and deploy these systems.

### BENEFITS

**Q-SYS Control feature license:** The Q-SYS Control feature license for vCore provides enhanced control, automation, UX capabilities, and remote monitoring/helpdesk features to systems, particularly those that do not require dedicated Q-SYS audio or video functionality. Furthermore, it allows you to integrate specific Q-SYS Products to your system such as the QIO Series control devices. It also allows you to design and deploy user control interfaces (UCIs) for use with the Q-SYS TSC Series network touchscreens and UCI Viewer for PCs.

**Elevate user experiences in your less complicated applications:** Q-SYS vCore + Q-SYS Control feature license are the perfect control and automation compliment for huddle rooms, smaller collaboration spaces and hospitality applications whose audio/UC&C requirements can be fulfilled by simple, standalone hardware, or for applications that might not have no audio requirements at all. Q-SYS vCore can easily add control and automation over video displays, IP occupancy sensors, video source switching, lighting control and more, and provide that control to your end users with a Q-SYS user control interface.

**Assist users with remote helpdesk and system monitoring:** Q-SYS vCore + Q-SYS Control feature license bridges that gap often left by bespoke hardware that do not connect to industry-standard managed service provider tools by allowing you to tie these disparate devices to Q-SYS Reflect Enterprise Manager, a cloud-managed enterprise grade remote monitoring and management solution.

**Bring full control capabilities to legacy systems:** If circumstances require you to maintain the legacy audio-only DSPs or to simply replace an ageing control system, let Q-SYS vCore + Q-SYS Control feature license take over your control needs. Use it to control your existing DSP as well as any other connected device in the space. Furthermore, if you later decide to replace your old DSP with a full Q-SYS audio, video and control system, you will be able to easily port your Q-SYS control programming with minimal effort.

**Simplified, standardized programming:** Q-SYS vCore + Q-SYS Control feature license empowers your IT staff to standardize your enterprise's system control under a single umbrella. Additionally, it provides access to Q-SYS Open, a toolkit of industry-standard protocols & developer tools, including control components, block-based control programming, widely used Lua scripting tools, CSS, and a library of third-party device plugins.

\* A vCore product license is required when deploying a Q-SYS design to any supported virtual environment (Hypervisor) running a vCore image. At this time, Q-SYS vCore does not have feature licenses to support the following functions: Q-SYS audio/video products, QDS audio/video components, Q-LAN TX/RX, WAN TX/RX, Media TX/RX, Software-based Dante.

## Q-SYS vCore + Q-SYS Control Feature License

### Supported Platforms & Requirements

#### Microsoft Hyper-V

- 64-bit Processor with Second Level Address Translation (SLAT)
- CPU support for VM Monitor Mode Extension (VT-c on Intel CPU)
- Minimum 8 GB memory with 2 GB assigned to each vCore VM image
- Minimum 2 GB disk space

Must be enabled in BIOS:

- Virtualization Technology
- Hardware Enforced Data Execution Prevention

Supported Windows Operating Systems:

- Windows 11 Enterprise, Pro, Education
- Windows 10 Enterprise, Pro, Education
- Windows Server 2022
- Windows Server 2019
- Microsoft Hyper-V Server 2019

#### Linux KVM

- x86 System running recent Linux kernel with:
  - Intel Processor with VT (virtual technology) extensions
  - AMD Processor with SVM extensions (also called AMD-V)
  - More [Xen supported processors](#) available
- Balanced memory for guest and host OS (1GB minimum for host)

#### VMware ESXI

- See [VMware Compatibility Guide](#) for full list of supported systems
- Supported server platform
- Multi-core 64-bit x86 processors with at least 2 CPU cores
- NX/XD bit enabled for the CPU in the BIOS
- Minimum 4 GB physical memory; providing at least 8 GB to run virtual machines in typical production environments
- Support for hardware virtualization (Intel-VT-x or AMD RVI) must be enabled
- One or more Gigabit or faster Ethernet controllers
- Boot disk with minimum 32 GB persistent storage such as HDD, SSD, or NVMe
- SCSI disk or local, non-network RAID LUN with unpartitioned space for virtual machines

### vCore product license includes

Product key

3-year or 5-year maintenance plan

Q-SYS Control feature license for vCore, which is a bundle containing the Scripting Engine and UCI Deployment feature licenses.

### License Activation

For simple activation instructions, visit the [Q-SYS Designer Help file](#).

Note: A steady internet connection is also required to continually validate the license. This means:

- You will not be able to deploy a design to your vCore until it is licensed.
- If the vCore license cannot be validated for 30 days, the currently running design will stop immediately.
- Feature updates and migration of VMs are not possible without an active maintenance license. Design updates and re-deploys are still available.

### Q-SYS Designer Software version

9.6.0 (minimum) with supported hypervisor

### Q-SYS Product Support

Q-SYS TSC Series Gen 2	TSC-55W-G2-BK TSC-80W-G2-BK TSC-116W-G2-BK
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Q-SYS TSC Series Gen 3	TSC-50-G3 TSC-70-G3 TSC-101-G3
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Q-SYS QIO Series Network I/O	QIO-GP8x8 QIO-S4 QIO-IR1x4
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Other	Axon C1, Monitoring Proxy, UCI Viewer, TSC-7W, TSC-7T
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For a list of supported schematic elements and unsupported features, please go to the [Q-SYS Designer Help File](#).



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