

Retire the hardware. Keep the software that runs your plant.

Salem Automation virtualizes DEC Alpha, VAX, and Sun SPARC systems on modern x86, virtual-machine, and cloud platforms. Your OpenVMS, Tru64, and Solaris applications run **unmodified** — no porting, no recompile, no retraining.

6 Hardware families virtualized <i>Alpha · VAX · SPARC · UltraSPARC</i>	5× Faster PLC communications <i>ABNet vs. Rockwell Interchange</i>	0 Software changes required <i>Runs unmodified, no recompile</i>	3 Deployment targets <i>x86 server · VM · cloud</i>
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vtServer™ virtualization family

SPEC MATRIX

PRODUCT	ORIGINAL HARDWARE	vCPU	MEMORY	GUEST OS
vtAlpha	DEC Alpha — AlphaStation & AlphaServer, six variants spanning AS, BS, CS, DS, ES and GS classes.	1–32	up to 32 GB	OpenVMS · Tru64
vtVAX Bare Metal	DEC VAX & MicroVAX — Qbus, SCSI and DSSI systems through VAX 66X0/76X0.	1–6	up to 3.5 GB	OpenVMS 4.3–7.3
vtSparc-4M	Sun SPARCstation 4, 5, 10 and 20 workstations and servers.	1–4	up to 512 MB	Solaris 4 & later
vtSparc-4U	Sun UltraSPARC — Ultra 5, Ultra 10 and Ultra 450 systems.	1–24	up to 128 GB	Solaris 4 & later

COMMON PLATFORM • ALL vtServer PRODUCTS

HOST	Bare-metal on x86 server, virtual machine, or cloud — no host OS to license or maintain.	STORAGE	SAS, SATA, iSCSI, NFS, Fibre Channel, NAS & SAN; physical and logical disks, tapes, CD/DVD.
NETWORK	Virtual switches, VLAN & spanning-tree, shared NICs; 1–10 GbE far exceeds original speeds.	MANAGE	vtMonitor browser console — build, configure and monitor every guest from any networked PC.
LICENSE	3 mm USB Smart Card, or vtLicense-G3 network server for failover and disaster recovery.	SECURITY	Role-based access, secure protocols, encrypted cloud execution, configurable logging & alerts.

ABNet™ • OPENVMS → ALLEN-BRADLEY

Direct PLC comms from VMS — a drop-in Interchange replacement.

Up to 5× faster and 90% less CPU than Rockwell Interchange. Relink — no recompile. ControlLogix, CompactLogix, PLC-5 & SLC 5 via Ethernet or DHRIO to Data Highway Plus, with native tagname access.

vtLicense-G3™ • NETWORK LICENSE SERVER

High-availability licensing for redundant vtServer hosts.

A 1U appliance that serves USB license keys across the network for automatic failover and disaster recovery. Six part numbers — internal/external USB, optional 500 GB or 1 TB SSD as NFS storage, and four bondable GbE ports.

Have questions about specific requirements?

We've kept mission-critical systems running for decades. Tell us what you run, and we'll map the migration.

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www.salemautomation.com