

OPENVMS & LEGACY PLATFORM MODERNIZATION

Your OpenVMS systems still work. The hardware under them no longer does.

Intel ended Itanium production in 2021 and HPE support closed at the end of 2025 — no new hardware, no security patches, and a shrinking pool of specialists. Salem Automation moves mission-critical OpenVMS workloads onto modern, fully supported x86-64 servers while preserving the applications, data, and operational behavior your business depends on.

FIVE PRESSURES MAKING DELAY EXPENSIVE**Spare parts**

Replacements take months — if found at all.

Security gaps

No vendor patches; new CVEs stay open.

Audit findings

End-of-life hardware cited as material risk.

Retiring expertise

No new specialists enter the field.

Trapped budget

Upkeep of the past crowds out the future.

WHAT WE DO — THREE COORDINATED SERVICES**Native OpenVMS on x86-64**

Move Itanium workloads to OpenVMS running natively on Intel Xeon and AMD EPYC. Same operating system, commands, and security model — on hardware you can still buy and support.

Application porting & revalidation

Source-code review, compiler and build-system rebuild, then unit, integration, performance, stress, and user-acceptance testing that proves identical behavior.

Emulation on vtAlpha

Makes a new server (physical or hypervisor) behave exactly like the original hardware, so your custom applications can run with minimal changes.

DATABASE MIGRATION PATHS

Oracle Rdb	PostgreSQL · Oracle on Linux · SQL Server
Sybase	SQL Server · PostgreSQL
Progress OpenEdge	PostgreSQL · SQL Server · Progress on Linux
HP DBMS (CODASYL)	PostgreSQL, with full schema redesign
RMS indexed files	PostgreSQL, with rewritten data access

Every engagement follows the same four phases: **Discovery · Design · Convert & test · Go live**, with a tested rollback path and 30 days of post-cutover support.

COMPLIANCE RESOLVED BY MOVING**NIST 800-171****IEC 62443****SOX****HIPAA****FDA 21 CFR Part 11**

Salem is ISO 27001 certified and AICPA SOC compliant, and part of IT Service Alliance — extending support across the full OT/IT stack, from PLC and SCADA work to enterprise IT.

Have questions about your OpenVMS environment?

Start with a discovery engagement: we inventory the environment, size the effort, and map a phased path — stabilize first, then migrate on your timeline.

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