

CHARON-VAX Application Report



Volume 1, Issue 4

November 13, 2003



CHARON VAX Keeps the Organs in Tune

Since 1939, Allen Organ Company has been producing organs for churches and facilities worldwide. Allen uses a VAX VMS computer based modeling program to size and configure organ designs.

organs. Loss of this computer system and its stored information could hamper Allen's ability to supply its renowned long-term customer service.

This software was also used to modify existing organs when customer needs changed. Allen Organ was concerned about the ageing MicroVAX 3100 platform, which has been around since the early 90s. It used old, slow disk drives that were becoming difficult to obtain.

The tape drive was slow and unreliable, increasing the risk of losing years of valuable data on customers'



Suppliers of Software & Systems Integration:

- Salem Automation , Inc.
Winston-Salem, NC

Original Hardware Utilized:

- MicroVAX 3100
Computer System

Software Utilized:

- CHARON-VAX XM

New Hardware:

- Dual 2.4 GHZ Server

Installation complete:

- January , 2003
- Macungie, Pennsylvania

The Solution to the Challenge

Allen contacted Salem Automation to help them resolve this problem. Allen's situation was reviewed by Salem Automation's technical staff.

The CHARON VAX XM software license was specified and the appropriate data migration services defined. Salem Automation installed the

CHARON VAX software on a new PC platform, configured the network, created the configuration file and created container files. Allen technicians came onsite for training on the CHARON VAX software, bringing the existing system for final migration of Allen's data.

Project Outcome



Once converted to CHARON VAX, the Allen Organ programs ran smoothly with a great increase in system speed over the earlier MicroVAX. Also, with much greater reliability, the system no longer requires an expensive hardware maintenance contract since the PC is supportable with internal resources.

When the new CHARON VAX system was installed at the Macungie, Pennsylvania headquarters, Walter Sloyer, Allen's MIS Manager remarked; "We are very pleased with the CHARON VAX. It has not only made our organization more efficient, but more importantly, has enabled us to make product changes to support our customers long into the future.

Customers in our market expect product support that goes far beyond what is typical for consumer products. The CHARON VAX is one tool that we are using to meet this need."



We're on the Web!
www.SalemAutomation.com
www.winvms.com

Company Profile:

Incorporated in 1992. Offices in Winston-Salem NC, Charlotte, NC , & San Juan, Puerto Rico

Company Mission:

To provide high quality automation solutions and cost-effective engineering services to manufacturing companies via Win-Win business relationships.

Staff:

Engineers with varying backgrounds including Chemical Engineering, Electrical Engineering, Instrument Engineering and Computer Science. Most all of our staff members have over 15 years experience. Staff experience is extensive in the areas of distributed process control systems, programmable controller based systems and computer based process control. Industry experience in Textile, Food, Tobacco, Chemical (Batch and Continuous), Metals, Utilities, Furniture, Tire and Pharmaceutical.

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