



## Porting & Maintenance of CIFS Server

### THE CLIENT

The client is a startup in cloud storage technology, headquartered in Campbell, USA.

### BUSINESS NEED

The client wanted ALTEN Calsoft Labs to do the following.

- Port CIFS server (SAMBA server V3.0.24 & V3.0.28) to OpenVMS
- Replace ASV on OpenVMS on Itanium architecture

### TECHNOLOGY USED

- OpenVMS, CIFS protocol
- Windows Family of (Network) Operating systems
- C, TCP/IP

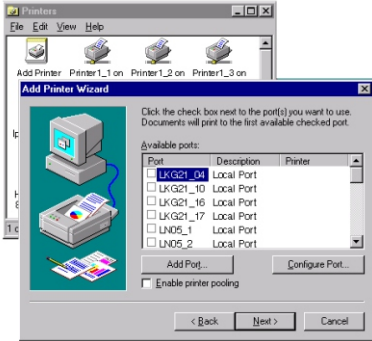
### BUSINESS BENEFITS

- Reusability of infrastructure
- Enhanced flexibility and scalability

### SOLUTION DELIVERED

Advanced Server (ASV) software was used to establish HP OpenVMS systems as servers to provide Windows desktop users access to OpenVMS file & print services. The expert team of ALTEN Calsoft Labs also did the following to achieve successful on-time service delivery.

- Ported Open Source SAMBA V3.0.24 & V3.0.28 code base to OpenVMS & implemented some of the key features
- CIFS product maintenance, enhancement, porting and release of new versions from time to time
- Designed some of the architectural pieces for CIFS product
- Lab system design & administration
- Testing during patch release on a per case basis and during new version release
- Build, test, documentation and release management



**ABOUT ALTEN CALSOFT LABS**

ALTEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients innovate, integrate, and transform their business by leveraging disruptive technologies like mobility, big data, analytics, cloud, IoT and software-defined networking (SDN/NFV). ALTEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi- tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. ALTEN Calsoft Labs is a part of ALTEN group, a leader in technology consulting and engineering services.

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