



## FLASH LITE PORTING ON DAVINCI DM6446

### THE CLIENT

The client is a market leader in media and entertainment sector.

### BUSINESS NEED

Client had designed a Set Top Box like product for rural & semi-urban India market based on TI DM6446 DaVinci processor for cable TV and internet applications. The client envisaged to provide Flash Lite Plug-in support for DaVinci platform running with Montavista Linux Kernel 2.16.xx to give users internet connectivity to play online games and watch video through YouTube.

### TECHNOLOGY USED

- Hardware: TI DaVinci6446 which combines a 300 MHz ARM9 core with a 594 MHz DSP core
- Firmware: Flash Lite 3.1, Montavista Linux 2.6.xx, Flash ATS, GTK/X11, Direct Frame buffer

### SOLUTION DELIVERED

- ALTEN Calsoft Labs used the Opera GOGI Plug-in APIs for browser and Flash plug-in interaction and Opera APIs for painting to Linux frame buffer and in timer handling
- Once the porting of Flash Lite 3.1 plug-in player was completed, comprehensive tests were conducted using ATS tests.
- ALTEN Calsoft Labs got the solution certified by Adobe.



### BUSINESS BENEFITS

- Client was able to enter the rapidly growing CAS market early and quickly corner a large market share
- Client's feature rich set top box with Flash Lite plug-in for playing on line games and watching YouTube was a big differentiator

**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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