Overview

Over the years, ALTEN Calsoft Labs has been the pioneer in the media industry as a trusted technology partner. From content creation to content consumption, ALTEN Calsoft Labs has been working across the media continuum building experience and expertise in the media domain. We have helped ship more than 1000 different products enabling content delivery to millions of end users. With more than 150 engineers working in the media domain, ALTEN Calsoft Labs brings to the table a mix of industry knowledge and technical expertise in product engineering engagements.
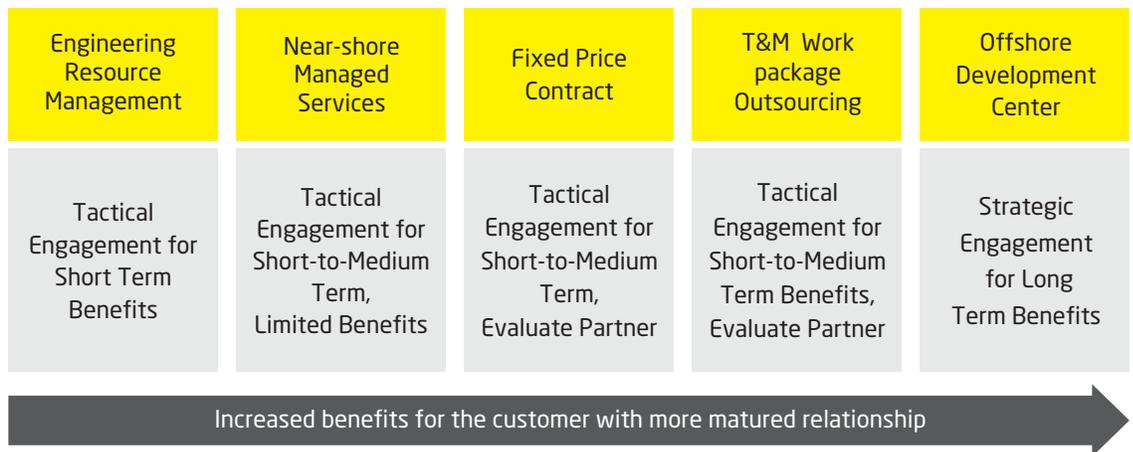
Our Expertise

ALTEN Calsoft Labs understands the business possibilities throughout the media life cycle and the myriad technologies that drive them. This enables ALTEN Calsoft Labs to partner with companies across the media ecosystem.

| Creation | Manipulation | Discovery | Management | Distribution | Monetisation |

Offerings & Engagement models

ALTEN Calsoft Labs is a pure services player partnering with broadcasters, OEMs, semiconductor companies and independent content companies to reduce time to market and increase monetization opportunities.

Engineering Resource Management	Near-shore Managed Services	Fixed Price Contract	T&M Work package Outsourcing	Offshore Development Center
Tactical Engagement for Short Term Benefits	Tactical Engagement for Short-to-Medium Term, Limited Benefits	Tactical Engagement for Short-to-Medium Term, Evaluate Partner	Tactical Engagement for Short-to-Medium Term Benefits, Evaluate Partner	Strategic Engagement for Long Term Benefits

Increased benefits for the customer with more matured relationship

Engineering & Technology Consulting

Built over years of experience in the industry,
ALTEN Calsoft Labs today serves multiple segments including

- Broadcast systems

- Video networks

- Digital signage & Ad networks

- Automotive infotainment

- Security & surveillance

- Conferencing & Collaboration

- New media & Cloud solutions

- Usability & UX engineering

- Mobile application development

End-to-End Solutions

- DSP software development and optimization
- Middleware Development
- Firmware, BSP development & diagnostics
- Device driver development
- OS Porting
- Network management interfaces
- Multimedia Applications
- Board Design

Broadcast Systems

- Transcoding

- Streaming solutions

- AD insertion

- Post/Pre-processing

- Set-top box/PVR/DVR

- DRM/CA integration

- Meta data management

Video Network

- Application Acceleration

- Load Balancing

- Content Aware traffic shaping

- Network Security

- Remote management systems

- Content management & publishing

- Virtualization & Storage management

Digital Signage & Ad Networks

- Multimedia Codec development & optimization

- Network management interfaces development

- Connectivity interface development

- Driver development & porting

- Streaming solutions

- AD Servers & AD insertion

Automotive Infotainment

- Navigation systems

- Infotainment Systems

- In-vehicle entertainment system

- Middleware and Software architecture

- BSP & Device drivers

- Platform porting

Security & Surveillance

- Video surveillance solutions
- Intelligent video analytics
- Video network security
- Codec design & porting
- Algorithm porting & optimization
- Storage & Search solutions
- Wireless network optimization

Conferencing & Collaboration

- Video conferencing systems
- Webcast solutions
- VOIP services
- E-learning & Lecture capturing systems
- Collaboration systems
- Unified Communications & integration

New Media & Cloud Solutions

- HTML5 browser development & porting
- Flash to HTML5 migration
- Cloud based content manipulation tools
- Cloud based test frameworks
- Storage virtualization & management
- Integrated Media management systems
- Cloud gateways & Cloud controllers
- Cloud migration

Usability & UX Engineering

- Usability research
- Experience engineering
- Graphics libraries & UI design
- UI rapid prototyping
- Interactive prototypes
- Usability testing

Mobile Multimedia Services

ALTEN Calsoft Labs has deep experience in designing hardware and software for mobile, multimedia and consumer electronics companies. Our layered competencies include Board design, BSP & driver development, middleware customization, OpenGL/ES graphics library, Third party module integration, Codec porting and optimization, custom protocols & interfaces integration, Application development and Quality assurance services.

Adobe Flash Services

As a premier scaling partner of Adobe, we provide Flash, Flash Lite, AIR porting, licensing & certification services to our consumer electronics customers who manufacture various products such as Set-top box, Mobile internet devices, Netbooks, Infotainment products, etc. Some of our esteemed customers include TiVo, Alstom, Tridium, Texas Instruments, Intel, Huawei, Marvell amongst others.

Our Differentiators

- Global Delivery capability, near-shore and offshore options

- Increased agility throughout the development process

- Flexible engagement options

- Scale & profitability

- Competent & skilled resources

Partnerships

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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