

STB Expertise Overview

Over 150+ million deployed STBs with L&T's contribution

Strong customer & partner relationships in ecosystem

End-to-end STB development, integration & test services

Adding value through innovative solutions & business models

Key Service Offerings

- Feature Enhancements & Maintenance
- Middleware porting and integration
- Performance optimization
- Testing and Test Automation
- Triaging and OPS support
- OS and driver porting, customization
- Applications
- Hardware and reference designs

SoCs

ST Micro	71xx, Orly
Intel	CE5300
Amlogic	ARM
Broadcom	74xx, 73xx

Markets

Cable, Satellite, IPTV, OTT



Standards

DVB, ATSC, MPEG2/4

Alliances

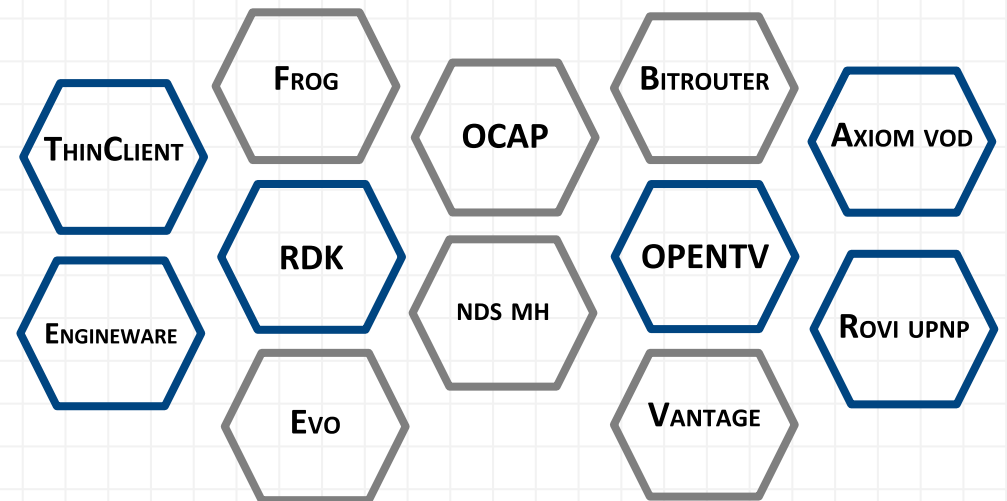


System Integrator



ASP Member

Middleware Experience



Middleware Eco-System Competency

Sub Systems	LTTS Aligned Capabilities
SOCs	<ul style="list-style-type: none"> • Vendor Agnostic SOC Evaluation, Benchmarking & Bring up
Bootloader	<ul style="list-style-type: none"> • Secure Bootloader development/testing for OEM partners & Deployment • Expertise in software download over broadcast/IP for millions of STBs
Drivers & HALs for Embedded Devices	<ul style="list-style-type: none"> • CDI/HDI Driver development, Integration & Testing for chipsets in any domain (not limited to STB)
Android, Netflix, YouTube	<ul style="list-style-type: none"> • Middleware Agnostic Expertise in integrating 3rd party OTT solutions (Android, Netflix, YouTube) on multiple media devices
Streaming - Multicast, HLS, DASH	<ul style="list-style-type: none"> • Deploying streaming solutions, Multicast and Adaptive Bitrate based streaming for various media devices
DVB Middleware & EPGs	<ul style="list-style-type: none"> • Vendor Agnostic Deployment, Porting & Migration on various platforms and configurations and EPGs in C, Java, HTML, Jscript • UI/UX and app development for any system
Browsers & HTML5	<ul style="list-style-type: none"> • Deployment of Browser and Browser based apps for various devices
E2E Architecture & Integration	<ul style="list-style-type: none"> • E2E architecture Design for any embedded device /domain • E2E integration that involves various vendors of compression, RF equipment, Headend & STB