**Tornado IPTV Samsung SmartTV Application**

## PRODUCT OVERVIEW

Tornado IPTV Samsung SmartTV application is an innovative and feature-rich High-Definition software, specifically designed for deployment in IPTV and Video-on-Demand infrastructures using Samsung Smart TVs. The product features H.264 video compression, which allows it to deliver high quality video streams over IP networks & coaxial networks with low bandwidth utilization. Tornado IPTV Samsung SmartTV software supports High-Definition video up to 1080p resolution which offers a more exciting viewing experience, especially on large format TVs. Additionally, Tornado IPTV Samsung SmartTV software features an Electronic Program Guide

## Samsung SmartTV compatibility

Tornado IPTV Samsung SmartTV application is compatible with most modern SmartTVs from Samsung. Today, most TVs are used as living room entertainment centers. They are connected to the Internet, have App Stores and fully capable browsers. Our SmartTV app is compatible with Samsung's SmartHUB and can be installed on most of Samsung's SmartTVs. Your clients can access the IPTV services with great performance just by installing the app on their SmartTV.

## IPTV Anywhere Capability

Tornado IPTV Samsung SmartTV application offers global access features to ensure that IPTV content is available over all geographical locations and digital networks. The access is easy as installing the App from Samsung's SmartHUB and selecting the channel that the subscriber wants to watch.
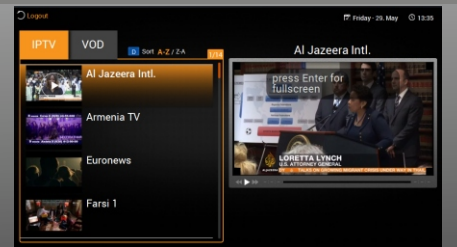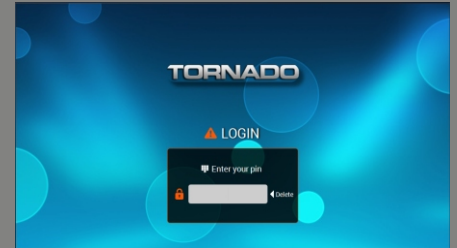
## IPTV and Video-on-Demand Support

Tornado IPTV Samsung SmartTV application offers delivery of streaming video content, including IPTV and Video-on-Demand (VoD) directly to the TV screens of end-users. The device receives H.264 encoded video streams over IP or coaxial network connections. It then decodes such streams internally and sends the resulting video signal to screen of the SmartTV.

## H.264 Video Support

Tornado IPTV Samsung SmartTV application supports low bit-rate H.264 video compression technology which substantially reduces its bandwidth requirements. Compared to older video compression technologies, H.264 offers better video quality at substantially lower bit rates. Because of more efficient bandwidth utilization, Tornado IPTV Samsung SmartTV Application enables providers to reduce the cost of delivering services to subscribers.

## High Definition Support

Tornado IPTV Samsung SmartTV application supports High Definition (HD) video at resolutions up to 1080p. That allows it to deliver video with greater detail, realism and quality, especially to large resolution SmartTV screens.

## KEY FEATURES

- ☐ Samsung SmartTV compatibility

- ☐ IPTV Anywhere Capability

- ☐ IPTV and Video-on-Demand Support

- ☐ H.264 Support

- ☐ High Definition Support

- ☐ Progressive Download Support

- ☐ Support for HLS

- ☐ JavaScript API Interface Support

- ☐ 100+ Over-The-Top (OTT) and Free-To-Air (FTA) Channel Support *

- ☐ Electronic Program Guide Support

## Progressive Download Support

Tornado IPTV Samsung SmartTV application supports progressive download to allow flexible and error free play of real-time and video files. The device will adjust its download bit-rate based on current network configurations to ensure that the IPTV will play flawlessly even in environments with non-guaranteed or traffic shaped networks. This procedure ensures perfect play in all types of broadband environments.

## Support for HLS

Tornado IPTV Samsung SmartTV application supports all popular streaming protocols such as HLS,TS and Progressive Download. The software ensures compatibility with most popular streaming servers in any type of unicast and multicast environment.

## JavaScript API Interface Support

Tornado IPTV Samsung SmartTV application supports advanced JavaScript/HTML API interface to allow easy programming for the device. Companies can program custom interfaces using direct HTML template modification or create their fully proprietary JavaScript interface.

## 100+ Over-The-Top (OTT) and Free-To-Air (FTA) Channel Support *

The server includes over 100 built-in OTT and FTA channels that allow service jump-start with a large number of pre-defined channels. In addition, the OTT channels do not require bandwidth support because the Tornado IPTV Samsung SmartTV application devices will access them directly without connecting to the Streaming server. OTT and FTA channels are great IPTV service complement that provides better channel variety and selection.

## Electronic Program Guide Support

Tornado IPTV Samsung SmartTV application supports advanced Electronic program Guide (EPG) interface to allow easy programming and channel selection for the SmartTV. Companies can program custom EPG interfaces using the Content Management Server (CMS) or specialized EPG text configuration file.

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