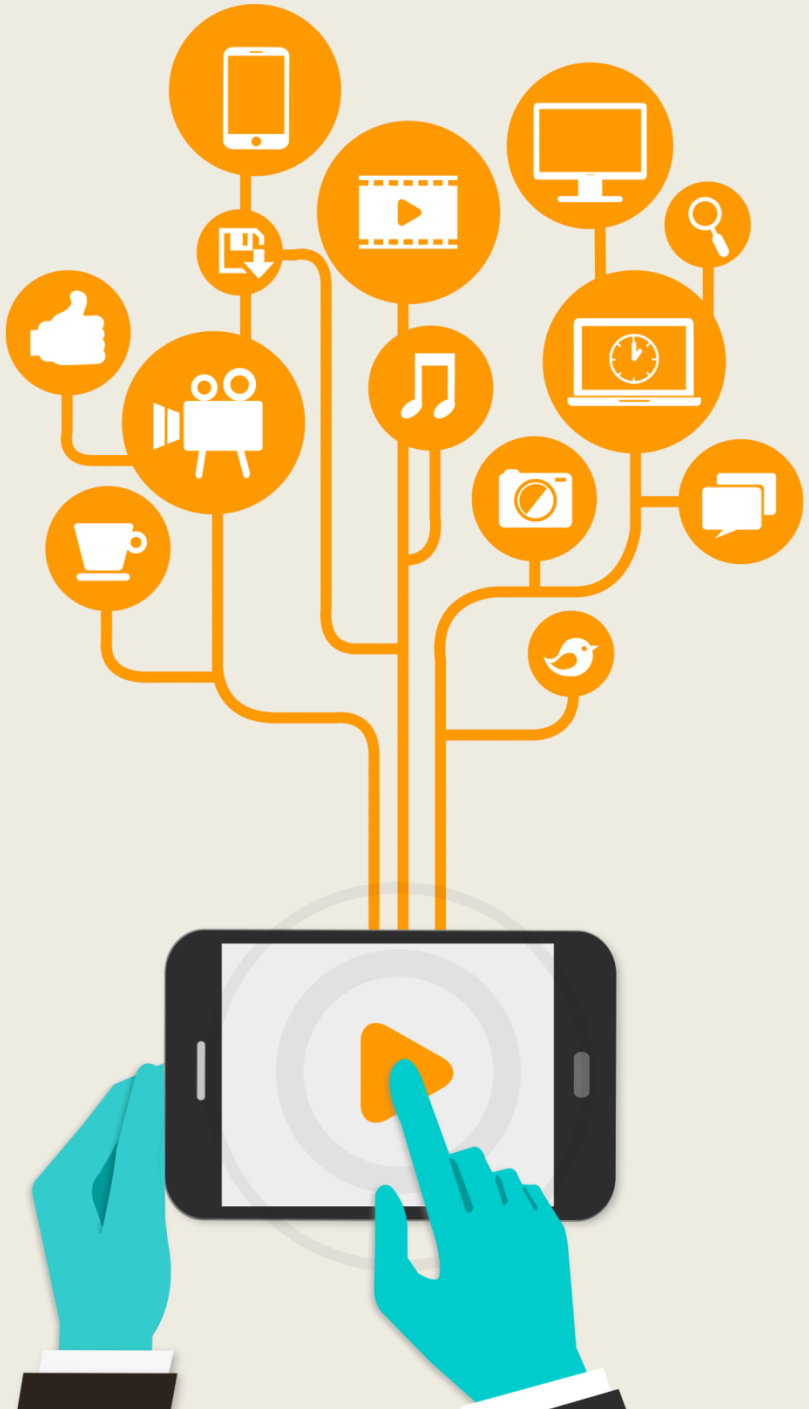


Product Documentation

SPIDERLIVE

Media Streaming Solution

Multi Device Streaming Solution

One Stop Media Service

smartee

Contents

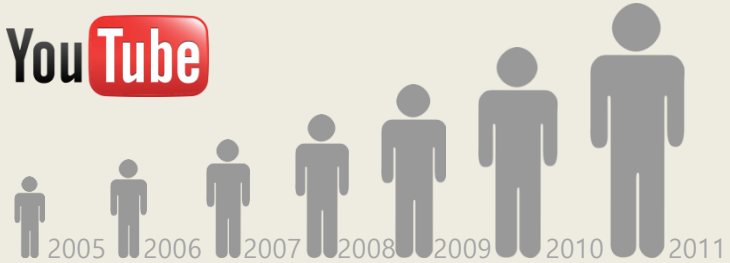
I. Necessity
II. SpiderLive is
III. Architecture
IV. Functions
V. Supporting Environment
VI. Features
VII. Application
VIII. Company Info.

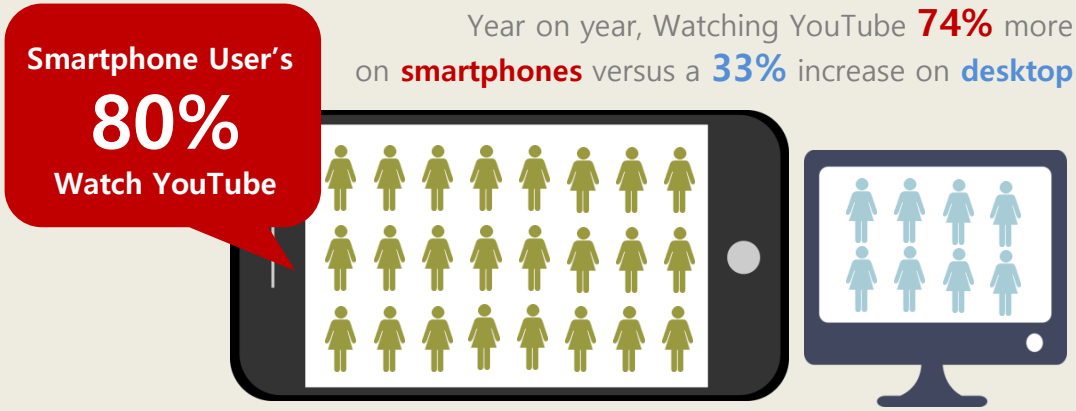
1. Necessity

"Low Price, One Stop Service" Multi Device Streaming Solution

In 2011, YouTube had more than **1 trillion** Views

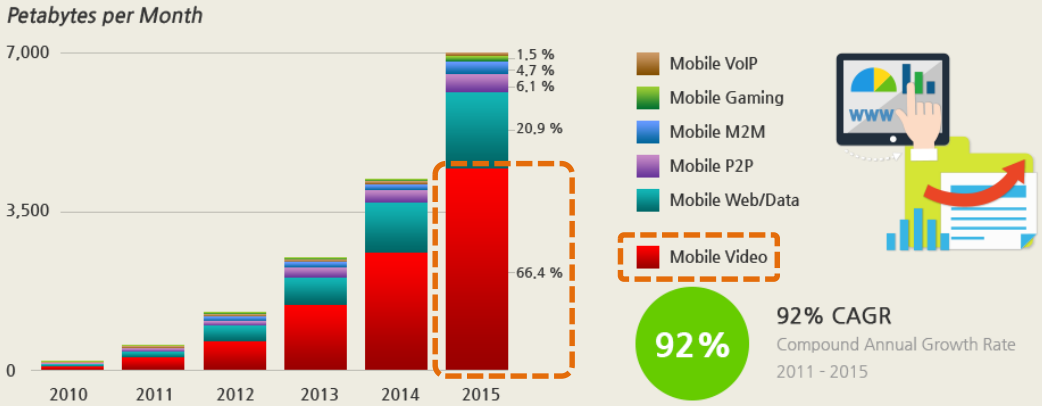
1,000,000,000,000





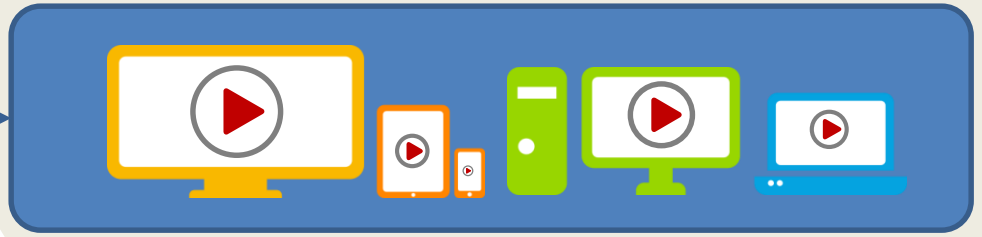
Year on year, Watching YouTube **74%** more on **smartphones** versus a **33%** increase on **desktop**

Mobile Video will generate **66 Percent** of Mobile Data Traffic by 2015



SpiderLive is Multi Device Streaming Solution

• It provides Real-time Streaming Service. Through this, you can build stand alone multi media streaming server. Based on Java and HTTP streaming technology.



SPIDERLIVE
Media Streaming Solution

Streaming

- Playing media file, after downloading the file

- Using metadata at the head in packet, player can explore the whole fine even it wasn't downloaded.

Progressive Download

- Playing media file, after downloading the file

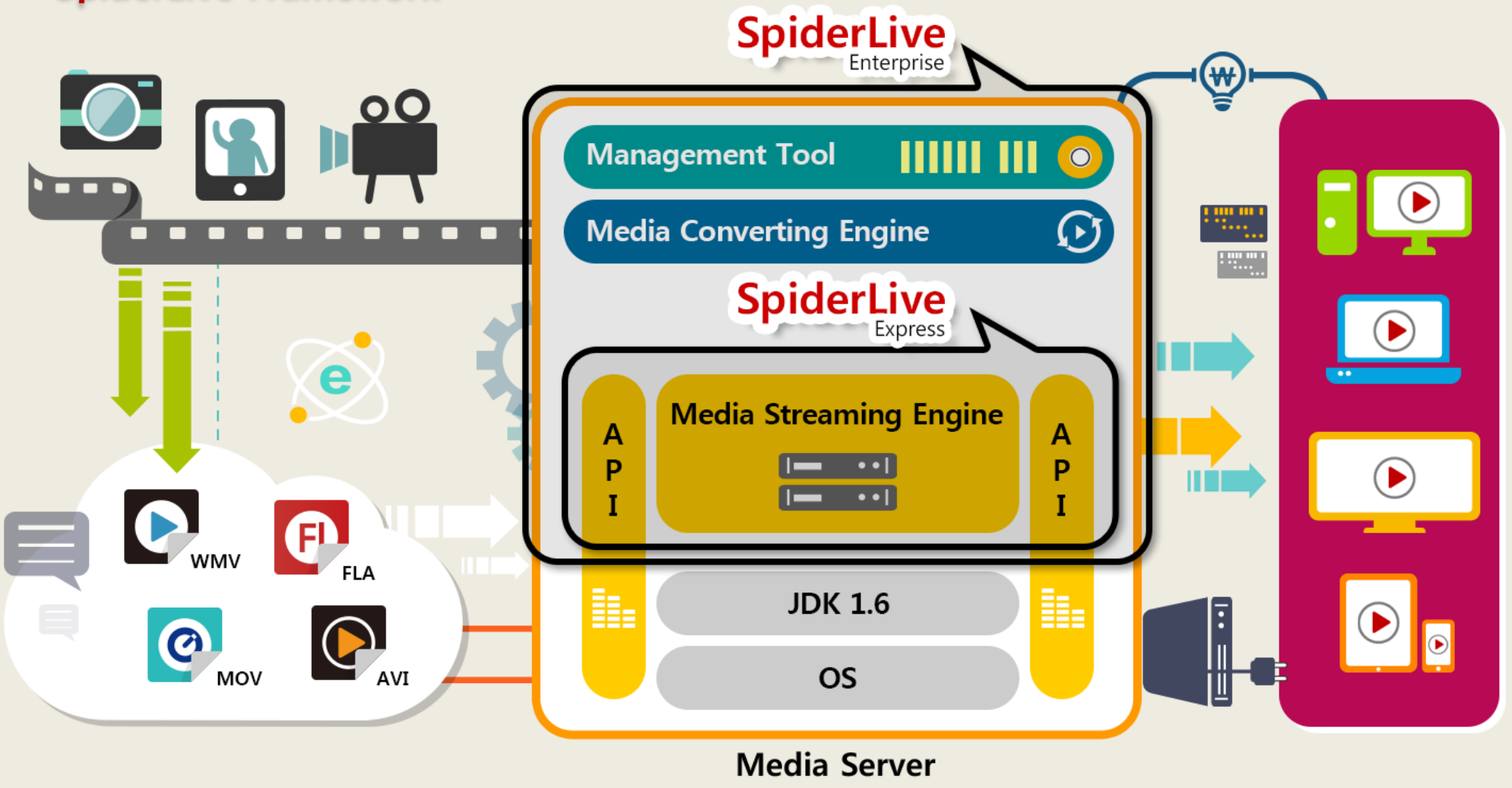
- Player can explore a part of the file that is already be downloaded

Download

- To see the media file, player must download the whole file or to see the last part of the file, player has to take sequential steps.

- For example, P2P, web hard disk service

SpiderLive Framework Express & Enterprise



Optimized Functions for Media Management

• Media Streaming Engine

- Transmission up to 10Gbps, simultaneously
- Multi Client Management
  . Handling simultaneous connections using multi thread management technology
- Supporting multi protocol such as RTSP/RTP Multicast, HTTP Streaming Protocol and more

• APIs

- Providing APIs to control or monitor the media server through outside program
- Providing APIs to develop plug-in
- Authentication using address value (security function)

• Media Converting Engine

- Analyzing media file
- Automatic conversion
  . Converting any media file into MP4 format for playing on smart phone or smart pad

• Management Tool

- Providing remote file management
- Log management
  . Connection status, visitor analysis, etc

Multi Protocol, OS, Device

Supporting Multi Protocol

- It supports various media formats.
- Supporting protocols :
  > RTSP/RTP Multicast,
  > Apple HTTP Live Streaming,
  > Microsoft Smooth Streaming,
  > Adobe Flash RTMP,
  > HTTP Dynamic Streaming,
  ※ MPEG-TS, etc.

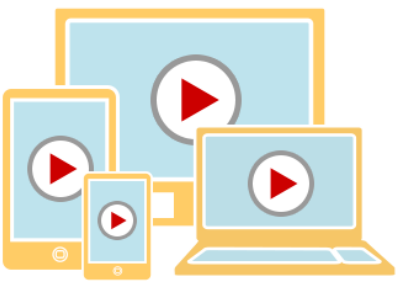
Supporting Multi OS for Streaming Server

- It provides cross platform feature for installation.
- Supporting OS : Windows, Linux, Unix, Solaris and Mac OS X

* JKD 1.6 or higher required.

Supporting Multi Device & Multi Player

- Supporting multi device with multi OS, PC to mobile
- Supporting default browser for each OS
- Supporting multi player such as Adobe Flash Player, QuickTime, Silverlight, VLC, etc



6. Features

"Low Price, One Stop Service, Strong Function"

Price

- **Flexible Price Policy**
  - SpiderLive^{Express} : Providing streaming engine with economic price
  - SpiderLive^{Enterprise} : Providing media converting engine and management tool
  - Installation service and education
  - Providing H/W service (out of the box service)

Service

- **One Stop Service**
  - Easy installation and maintenance
  - Immediate response for hot issues
  - Continuous management and update

Function

	SpiderLive	W Company	Red5
Providing Multi Protocol	○	○	○
Providing Multi OS	○	○	△
Providing Multi Device	○	○	○
Providing Management Tool *	○	○	X
Providing Education Service *	○	X	X
Providing Update	○	○	X
Providing Warranty	○	X	X
One Stop Service	○	X	X

* SpiderLive^{Enterprise}

Maximize Web Page Competitiveness through Mobile Media Service

SPIDERLIVE Media Streaming Solution
Multi Device Streaming Solution

1. Advertisement

2. Target Marketing

3. Education and Knowledge Exchange

Low Cost·High Effectiveness Marketing

smartee, Korea IT Company, located in Seoul

smartee

Solution Area

SpiderLive

Media

Streaming Solution

SpiderView

Responsive Web,

N Screen Solution

Service Area

System Integration Service for

Portal, Production System,

Smart Phone, Tablet PC, Smart TV

SPIDER LIVE

Maximize Media Competitiveness !

お問合せは、下記の連絡先まで お願いします。

smartee
株式会社スマーティージャパン
www.smartee.co.jp

We Bring You Mobile Website !

技術支援：support@smartee.co.jp，営業：sales@smartee.co.jp
東京都新宿区住吉町7番3号　サンライズビル302

Tel：03-5341-4995　　Fax：03-5369-3797