

GOSPELL OTT System

Product Overview

GOSPELL OTT System is an end-to-end solution for assisting operators to provide interactive digital programs to the users. This system provides the users with digital video services like Live TV, Video-on-Demand, Time-shifting, Playback, and various information like Tele-education, Travelling, Interactive Music, Ad Insertion, Communications, etc., as well as the Digital Rights Management System interface, to meet various operators' business requirements based on public or private network, e.g. digital TV, educational environments, and hotel.

The client-end of system builds a new generation of parlor-centered and digital STB-focused digital entertainment ecosystem which can be connected to the mobile devices of family members. And the family members are able to use terminals like STB, smart TV, tablet PC, mobile phones at anytime, anywhere to enjoy programs, entertainment services, major events, news, sports and financial information.

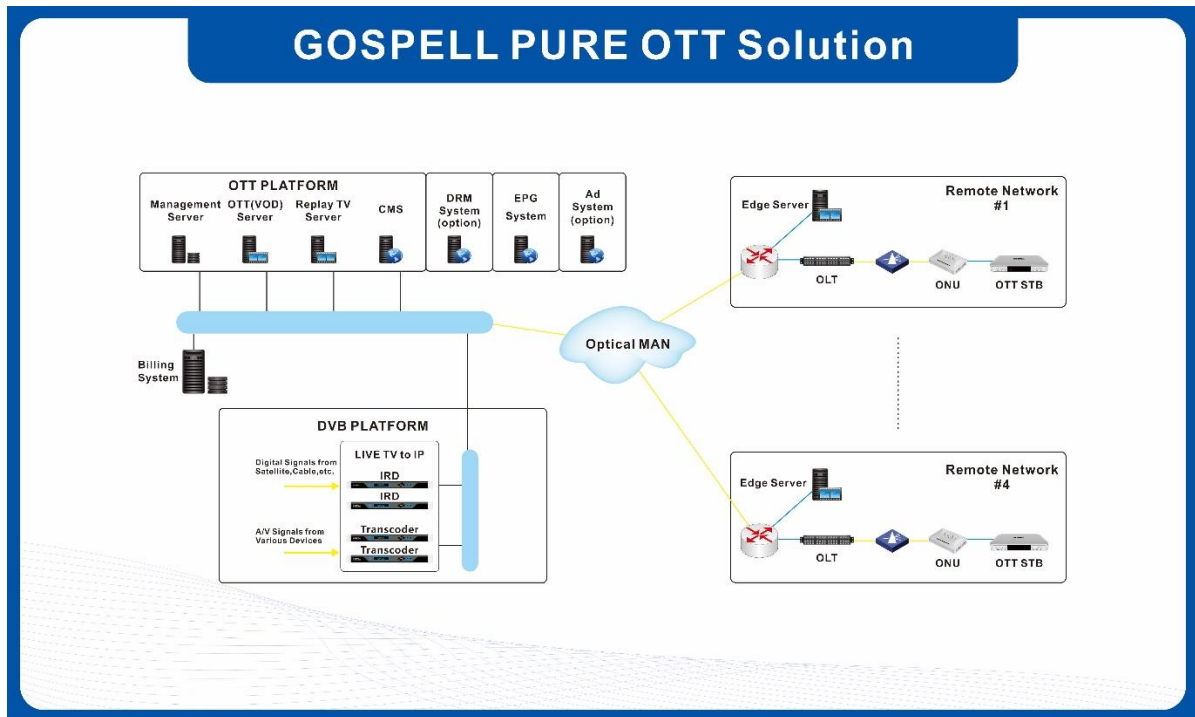
Main Features

- Support 4K content
- Support cluster/balance extending for large number of users (Scalable)
- Multi-resolution Asset Management (Automatically recognize video file resolution)
- Adaptive bitrate streaming (up to 4K HD), or manual switching resolution on STB
- Support Platforms (IOS, Android), Web in the future
- Live TV/ Video-on-Demand
- Time Shifting/ Playback
- Product/Billing Management (purchase by once or by package with valid duration)
- Provide interface with 3rd party payment system
- Support GOSPELL DRM and Integration with 3rd-party DRMs
- Support Content Distribution Network (CDN)
- Support several distribution protocol: RTMP, RTP/RTSP, HLS

Typical Applications

A. Pure OTT Application

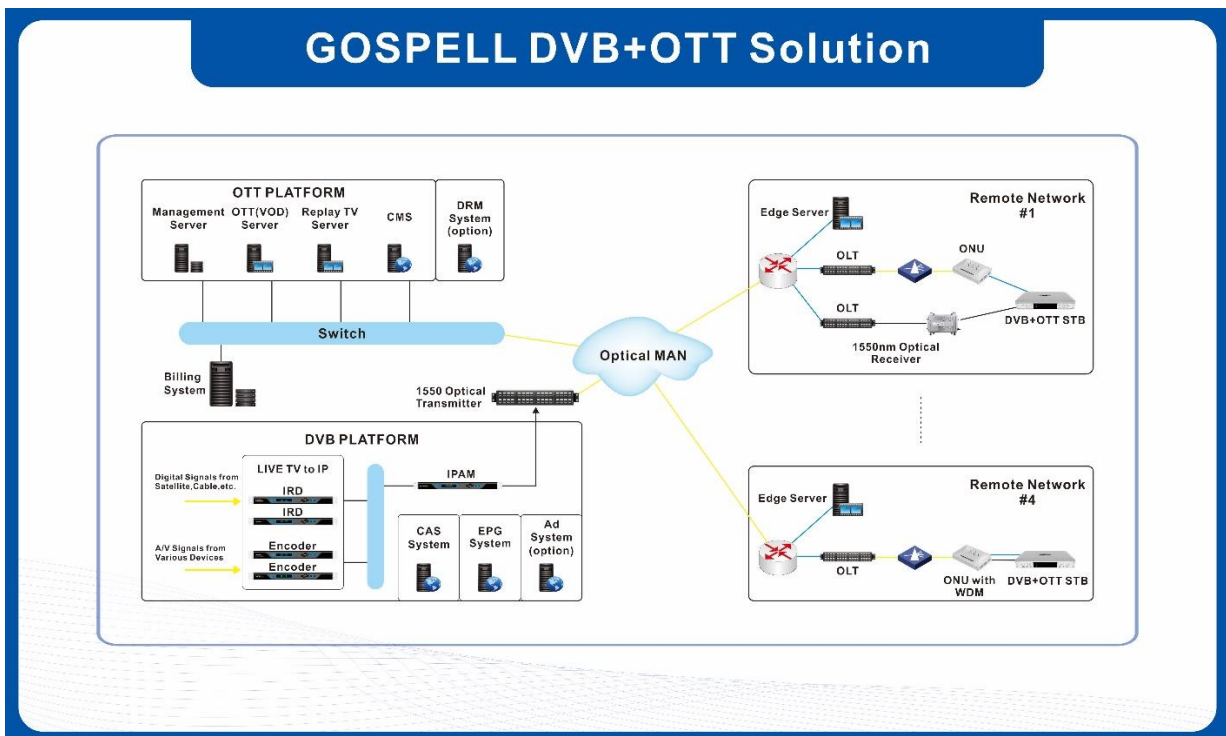
(distribution all digital content via IP network)



B. DVB+OTT Application

(distribution live digital video via traditional digital TV channel,

Distribution VOD and other digital contents via IP and network)



GOSPELL OTT Management System

Product Overview

GOSPELL OTT Management System is a powerful management platform which can provide a comprehensive management from device manage & control to content distribution, offering reliable guarantee for long-term stable operation of system.

Major Functions

- Device Management
 - Head-end Device Management
 - Media Server Management
- Live Channel Management
 - Live Channel Management
 - EPG Management
- Media Content Management
 - Digital Content Management
 - Content Auditing
 - Digital Content Protection (Integrated DRM)
- Log Management

Main Features

- Support Multilanguage Operation
- Support Module Permissions Management
- Support Various Ways of Content Uploading VOD sources (local upload, remote upload, third-party content providers, etc)
- Support Management and Control of all Devices in the System
- Support detection for device/system running status, and support malfunction recovery
- Management and control platform with Good Scalability and Versatility
- Independent and Portable Modules
- User-friendly Interface Design, Simple and Convenient Operation Procedures

GOSPELL BOSS System

(BOSS System also can be integrated by a third party)

Product Overview

BOSS system is a supporting software platform for assuring proper operation of various digital networks, it can achieve the commercial operation of networks through providing the functions of subscriber, product, service system, billing, query statistics to operators.

Major Functions

- Subscriber Management
 - Management for Query, Create, Modify, and Delete of User
- Product Management
 - Injection, Pricing, Expiring of Product
- Resource Management
 - Terminal Device Management
 - Strategic Management, Area Management, Branch Management
 -
- Billing System Management
 - Product Management
 - Billing Operation Integration
 - Add, Modify, Delete of User, Recharge and modify error expense
- Query Statistics
 - Statistic of purchase situation and receipts/payments account of user

Main Features

- Support management and billing for multi-services
- Integrated all services into a unified framework for management
- Support various expanded and extended services
- Support service offering
- Individuation, Information, and Socialization
- Good compatibility of system
- Statistics and analysis for user behavior, for assisting operators to improve operation strategy

OTT Set-up Box

Product Overview

GOSPELL OTT Set Top Box adopts powerful multi-core processor and it provides interactive, rights-protected digital A/V services and other information services through the build-in OTT and DRM client-end software, and it also can run on common applications like Android or IOS, which is the new generation of digital home entertainment and information center.

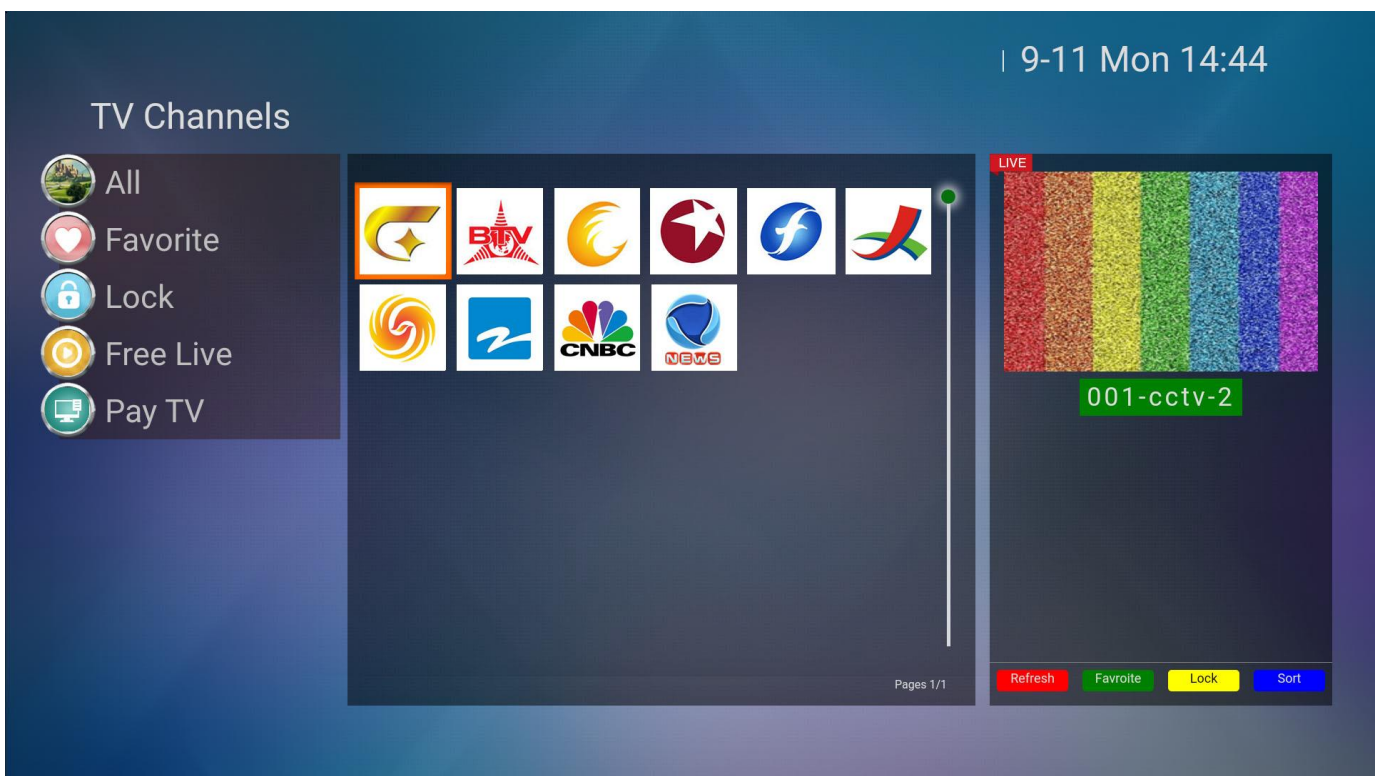
Main Features

- Android/IOS System
- Support WEB Browser
- Support VOD, Live TV, Time-shift/Playback, Live Book,
- Support Electronic Program Guide (EPG)
- Support a Variety of Resolutions from 352*288i to 1920*1080p
- Support Advertisement Receive and Display of Various Formats, such as: Boot-up Screen Advertising, Menu Advertising, Channel Switching Advertising
- Support Checking of Play-Record
- Support Automatic Boot-up and Wake-by-Network
- Support Automatic APP Upgrade
- Support Interfaces with Property Management System for Different Hotels
- User-friendly Interface Design and Powerful Search Engine
- Optional DVB Module
- Support software/hardware-based Authentication and Data Encryption/Decryption
- Digital Rights Protection (Integrated GosDRM)

UI Sample 1 (Portal Page)



UI Sample 2 (Live TV Channels)



UI Sample 3 (Video-on-demand)

2016

2017

2015



摔跤吧!爸爸



道士下山



刺客信条



神奇动物在哪里



摔跤吧!爸爸

Director : 尼特什·提瓦瑞

Label :

Actor : 阿米尔·汗、萨卡诗·泰瓦、桑亚·玛荷塔、法缇玛·萨那·纱卡

Intro:

1/1

UI Sample 4(Review)

TVReview

Channel	Date	EPG
001 cctv-2	Mon 9:11	001 00:00 2017-09-11-00
	Sun 9:10	002 01:00 2017-09-11-01
	Sat 9:09	003 02:00 2017-09-11-02
	Fri 9:08	004 03:00 2017-09-11-03
	Thus 9:07	005 04:00 2017-09-11-04
	Wed 9:06	006 05:00 2017-09-11-05
	Tues 9:05	007 06:00 2017-09-11-06
		008 07:00 2017-09-11-07
		009 08:00 2017-09-11-08
		010 09:00 2017-09-11-09

GOSPELL Digital Rights Management System (GosDRM)

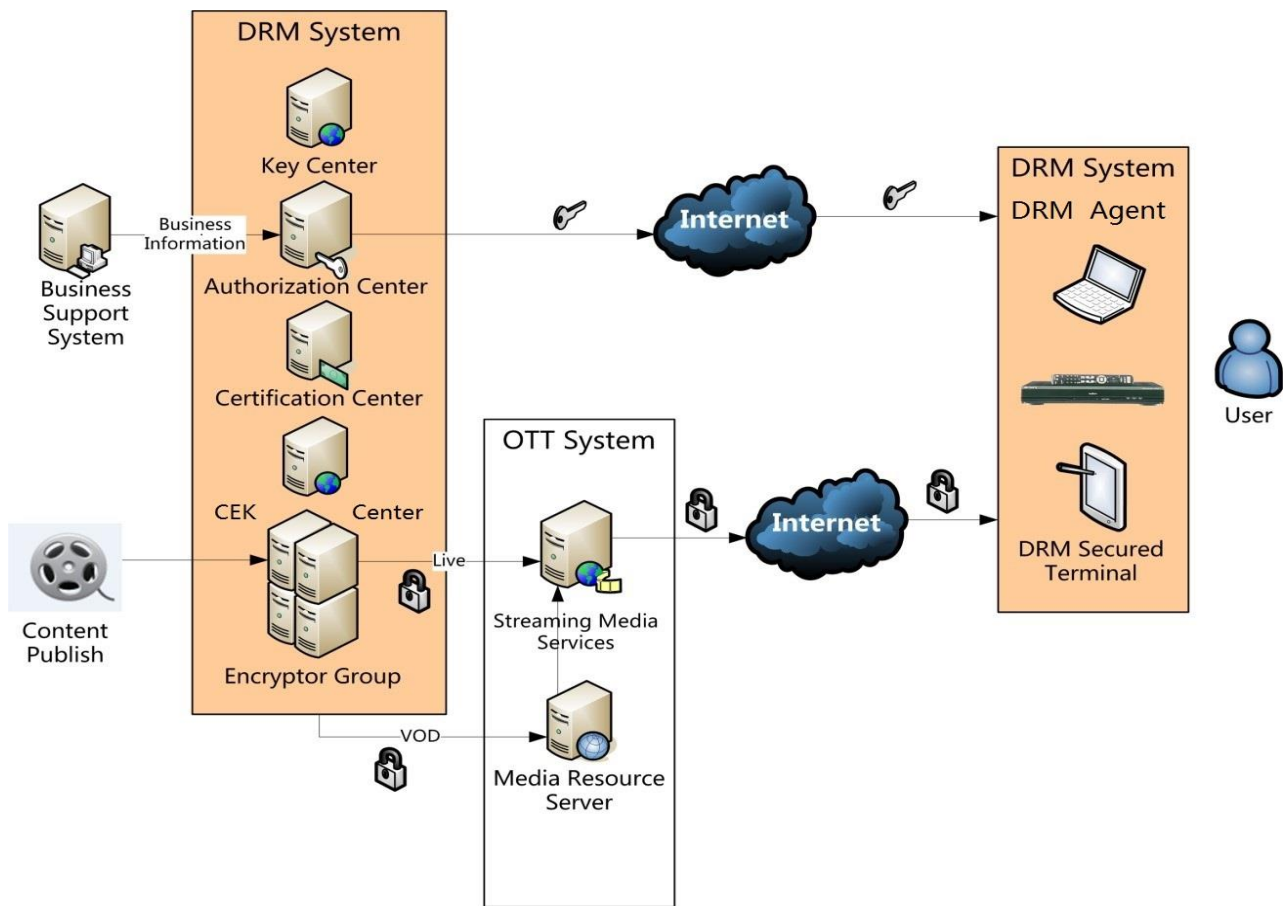
Product Overview

GOSPELL Digital Rights Management System follows the China DRM standard set by China DRM forum. The system implements protection of 128-bit-encryption before distribution of digital contents, and then the certified client-end of DRM system implements permission authentication and content decryption for users at the terminal, to ensure that the digital contents can be transmitted under safe condition, and to guarantee that the digital contents can be used by the legal users with content license, thus offering reliable rights protection and commercial operation protection for content providers and operators of digital video.

Main Features

- Authentication based on digital certificate of 1024-bit RSA encryption method, for assuring the uniqueness and controllability of terminal
- Support encryption for Live TV/VOD, with comprehensive management strategy for key and content, traceability of broadcasting content
- Support both software security solution and advanced hardware security solution, to meet the security requirements of different levels
- Support various billing mode: by time, by frequency, etc.
- Keep the original information like user preferences and play behavior for big data analytics
- Support various terminal platform and device type: Android, IOS, STB, Mobile phone, Tablet, PC

GosDRM Application



For More Information

Please visit our website: <http://www.gospel.com> or contact your local sales representative:

GOSPELL Shenzhen, China

Overseas Sales Center
 Block F10-F13, F518 Idea Land, Baoyuan road, Bao'an
 Central District, Shenzhen City 518102, Guangdong Province, China
 TEL: +86-755-26716172
 FAX: +86-755-29114035
 E_mail: sales.dtv@gospel.com

GOSPELL Brazil (Joint Office)

Rua Engenheiro Prudente, 477/483, Sao Paulo, Brazil
 TEL: +55 (11) 2274-1455
 E_mail: zhouyong@gospel.com

GOSPELL India (Office)

Office No.C-802, 8th Floor, L.B.S. Road, Bhandup (West),
 Mumbai-400078
 TEL: +91 9167995 705
 E_mail: ashish@gospel.com

GOSPELL Paraguay (Joint Office)

Tte. Garay 1795 esq. Campo Vía Barrio San Vicente Asunción -
 Paraguay
 TEL: +595 21 33 43 02

GOSPELL Mexico (Office)

Avenida Patria NO3489.EL Tapatio
 Tlaquepaque Jal.Mexico C.P.45588
 TEL: +52 (33) 3860-7059
 E_mail: ventas@gospel.mx

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