

# Hotel 3Play

## KEY FEATURES

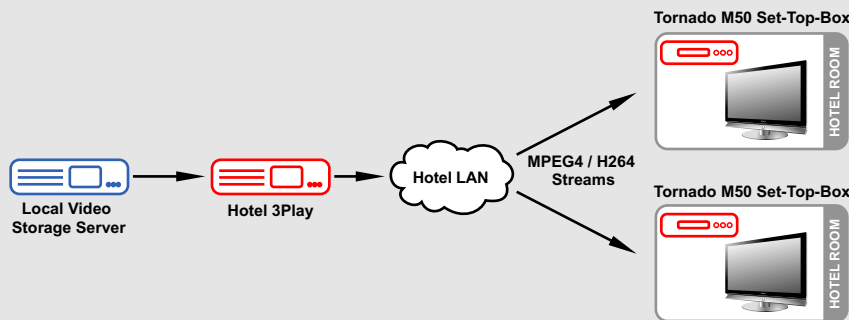
- Video-on-Demand Management and Billing
- Video Content Streaming
- Support for Unicast and Multicast Streaming
- VoIP Telephony Provisioning and Billing
- Internet Access and Billing
- Integrated Hotel Property Management System

## Product Overview

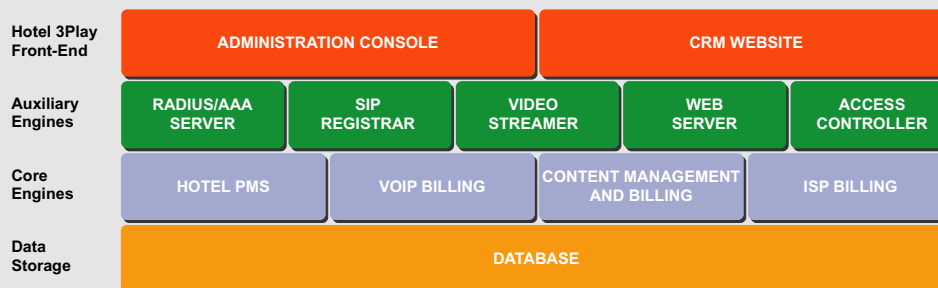
SysMaster Hotel 3Play is a triple play product, designed for management and delivery of Video-on-Demand, VoIP Telephony, and Internet Access services in hotels. The product enables the delivery of voice, video and data services to each hotel room over a hotel's internal IP network. It features intelligent content management, flexible billing and robust content delivery capabilities. Hotel 3Play has an integrated Property Management System (PMS) and can be utilized as a single-box solution for managing the operations of small to medium-size hotels.

## HOTEL 3PLAY

### NETWORK DIAGRAM WITH HOTEL 3PLAY



### HOTEL 3PLAY PRODUCT ARCHITECTURE



# Hotel 3Play

## Video-on-Demand Management and Billing

SysMaster Hotel 3Play is specifically designed for management and billing of Video-on-Demand (VoD) as well as other triple play services in hotels. When a hotel guest requests a particular VoD content using the remote control in his/her room, the corresponding set-top-box sends a request to Hotel 3Play. Hotel 3Play authorizes content delivery and bills the guest according to a price list managed by the hotel operator.

## Video Content Streaming

Hotel 3Play has an integrated video streamer which distributes video content to each hotel room over a hotel's internal IP network. The video streamer supports high compression MPEG4 and H264 technologies, which enable it to deliver high quality video to each hotel room while minimizing hotel's network load.

## Support for Unicast and Multicast Streaming

SysMaster Hotel 3Play supports both Unicast and Multicast streaming technologies. Unicast is the traditional method of video delivery over IP networks where the set-top-box in each hotel room is connected to the Hotel 3Play via a separate link. That results in higher bandwidth consumption and network utilization, which in larger hotel properties may present technical challenges. In contrast, Multicast streaming allows a single stream to be delivered to each hotel room with very low bandwidth utilization.

## VoIP Telephony Provisioning and Billing

SysMaster Hotel 3Play also features VoIP Telephony capabilities. Hotel operators can utilize the product to offer long distance and international calls to their guests. Because such calls are sent over the Internet their cost is lower and hotel operators can enjoy higher margins. Hotel 3Play provisions such calls via an integrated SIP registrar; it also bills those calls via an integrated VoIP billing engine.

## Integrated Hotel Property Management System

SysMaster Hotel 3Play comes with an integrated Hotel Property Management System (PMS). The product supports all essential functions in managing small to medium-size hotels, including room reservations, guest check-in/check-out, guest billing, hotel services management, payment processing and reporting.

## Internet Access and Billing

SysMaster Hotel 3Play also offers Internet access and billing capabilities. Via an integrated access controller, Hotel 3Play controls Internet access and bandwidth usage of each hotel guest. The product can bill for access based on time, bandwidth utilization, or on a flat rate basis.



SysMaster  
2700 Ygnacio Valley Rd, Suite 210  
Walnut Creek, CA 94598  
United States of America

Email: [sales@systmaster.com](mailto:sales@systmaster.com)  
Web site: [www.systmaster.com](http://www.systmaster.com)

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