



# Case Study: Delivering interactive service on Hotel Guest Room TV - Mediaroom IPTV Platform

## *Introduction*

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The customer owns and operates a private Fiber Optic Self-Healing Network servicing communities across the eastern United States in cities such as, Philadelphia, Atlanta, New York, and South & Central Florida. The customer provides its customers with a variety of fully integrated converged telecommunication services including Data, Voice, Video, Security, and Internet Broadcasting over a single, secure, cost effective connection. A bundled triple play services comprising IPTV (Mediaroom), Internet, Phone and Security are specially targeted to enterprise and residential customer including Hospitals, Hotels, Luxury condominiums and Home Owners Associations.

## *Requirement*

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Mediaroom based IPTV service reaches over 30K+ enterprise and household points offers more than 500 digital channels, with over 100 in stunning HD, Video On Demand (VOD), Pay-Per-View, International channels and more. To offer specialized and branded video services to enterprise accounts the customer decided to choose a Media technology company with proven deployments in Mediaroom technology. The preference was for a framework based development services to reduce the development cost & time, which can quickly provide GUI enhancement, integration with Property management system (PMS), Hotel Management system (HMS), Hotel Services: View bill, order services, etc., Hospital services: Patient details, Health guide, etc.

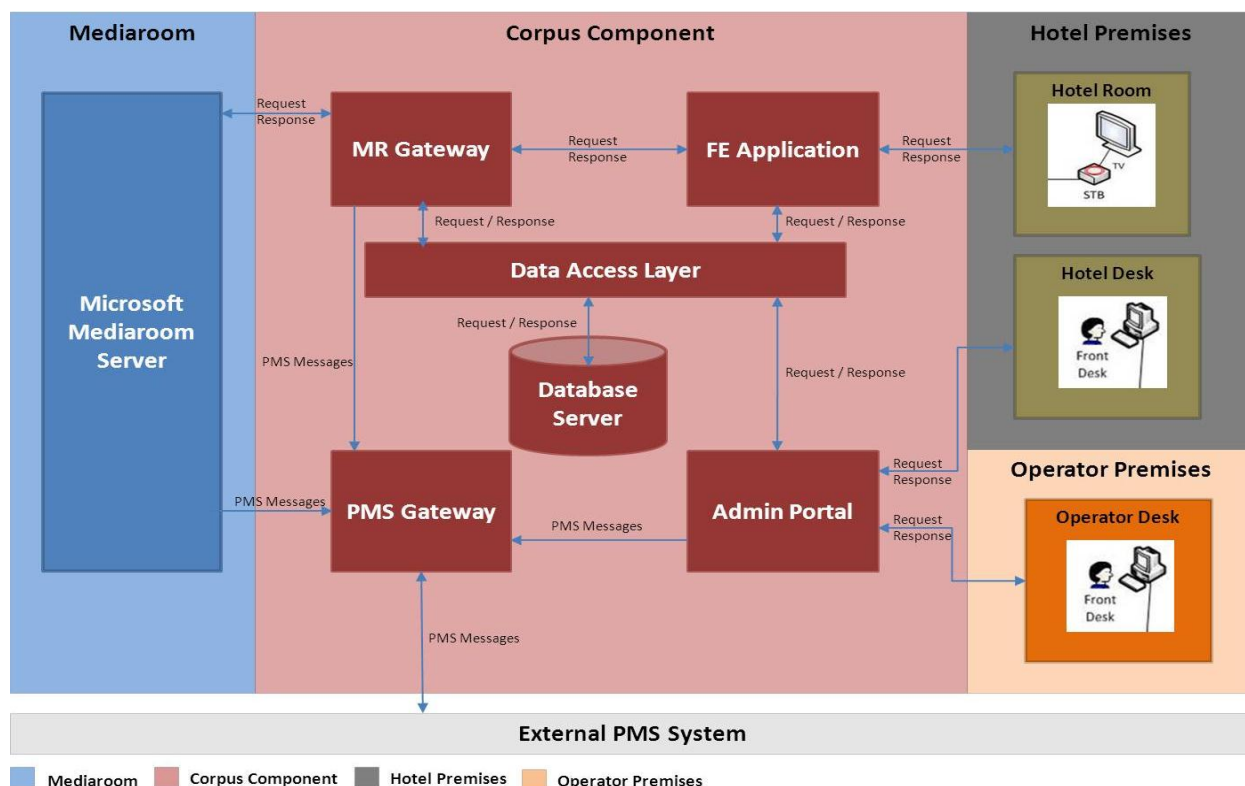
## *Solution*

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Corpus software provided a server-client solution powered by a centralized web based tool, which is specially designed to acts like a core gateway to exchange information between systems including Mediaroom server, Enterprise systems (PMS, HMS) and the STB. The server tool also manages the users' details, permissions, configuration of assets for the Mediaroom Frontend application to run on to the STB client on each of the TV rooms. In addition to this Corpus delivery team offered various technology services such as designing, frontend application development, Onsite/offsite Testing and training.

At a deployment instance for a hotel, the backend tool was integrated with Micro Fidelio PMS system, to collect data, process it & store or provide it as and when needed, besides development of guest-name display on TV, wake up alarm, video on demand billing, display room bill and other features through Mediaroom STBs.

**TECHNOLOGY INVOLVED:** Java-SQL backend tool and .Net for development of Mediaroom Gateway and MPF application.



### *Future Engagement:*

Corpus is developing generic PMS Backend which can be used to integrate various other PMS, thus helping reduce time to market. The customer has also chosen Corpus as a technology partner for many other technology solutions and services across its business.

#### **About Corpus:**

Corpus Software is one of the fastest growing IT Solutions and Services Company focused in Digital Media Entertainment, Embedded Systems and Business Analytics with offices across Americas, Europe, APAC, Middle East & Africa.

We take pride in providing leading edge technology services to our clients with the idea that they gain competitive advantage in the markets they operate. Our motto is applied innovation where ideas turned in to revenues. Our unique value proposition is frameworks driven execution, over the years we have invested significant amount of resources in developing these frameworks which provide improved quality and reduced time to market.

**Offices:** Dallas, London, Singapore, Johannesburg, Hyderabad and Bangalore

