



Unifying content across mobile devices and TV.

PMN Unifies Devices

Quadriga's Personal Media Network app synchronizes the television with mobile devices to create seamless functionality while connected to the hotel's WiFi network.

PMN Unifies Content

The PMN app unifies content from multiple sources, whether guest-owned content or subscription content accessed by the guest, into a single menu of entertainment options, all made available for viewing in the hotel WiFi area on the television or mobile devices.



Personal Media Network is a new technology that is revolutionizing the in-room entertainment environment. With PMN, guests can easily sync their personal media device to the in-room entertainment television and watch the content of their choice on the larger in-room device offered by the hotel. PMN unifies and synchronizes multiple devices, whether guest-owned or hotel-owned, as well as the various sources of content, whether guest-owned, licensed subscriptions or hotel services, via a single application and WiFi connection. With PMN, the television, phone, pad and the various forms of content (device stored, subscription based, hotel services) are integrated into a single application to create a unified network of entertainment and services. This provides a seamless, unified experience where multiple forms of entertainment and hotel services content are made accessible to the guest from guest-owned mobile devices, in-room television or hotel-provided pads and tablets.

With PMN, guests can access subscription content and use their own mobile device to act as a gateway and stream the content directly to the in-room television for play. Guests also can take content stored on their mobile device and stream it to the television for play. Everything from videos, movies, music and photos, as well as content from social networks like Facebook and Google+, can now be viewed anywhere throughout the hotel WiFi environment on any device, once the guest's personal mobile device is synced to the Sensiq entertainment system.

An Interactive Program Guide anchors the PMN free-to-guest television programming, and resides on the pad and phone, as well as the television. Guests have the ability to scan FTG programming options and watch licensed programming on their mobile device anywhere in the hotel WiFi area. Movies on the STB system, if licensed, can be

purchased and played out on the mobile device anywhere in the hotel WiFi environment, once the mobile device is synced to the Sensiq entertainment system. Guests also can use their mobile device and PMN app to access third-party subscription services and then stream their subscription content selections to the in-room television for play.

The PMN app is a complete network solution that integrates hotel services with the guest's entertainment and content sources. Once synced with the in-room television, the guest's mobile device can be used to access and complete transactions for hotel services like room service, meetings and events information, concierge services, spa services, travel updates and transportation services. This provides hotels with tremendous opportunity to increase revenue and improve guest services.

The PMN app is based on flexible building blocks, which already exist in Quadriga's Sensiq TV platform and its QVAlet mobile platform, providing an established, scalable mobile entertainment and communications platform for hotels. With PMN, guests can enjoy a variety content choices and manage their stay and entertainment with their own mobile device throughout the hotel WiFi environment.

Step one: Downloading the PMN application

The PMN app can be downloaded directly from the Apple App Store or Android App Store. It also can be downloaded from the hotel TV Sensiq system by using a QR reader and scanning the QR code provided on the TV.



Step two: Connect to hotel WiFi network and sync mobile device with television

PMN functionality requires the guest to be connected to the hotel's WiFi network. Guests need to access the PMN WiFi network with their mobile device from the list of available networks offered in the hotel. From there they need to turn on the in-room TV and select the Stream My Media category. This provides a QR code and numerical syncing option to quickly sync the guest's device to the TV.



Step three: Choose content source and options and stream to device of choice for viewing

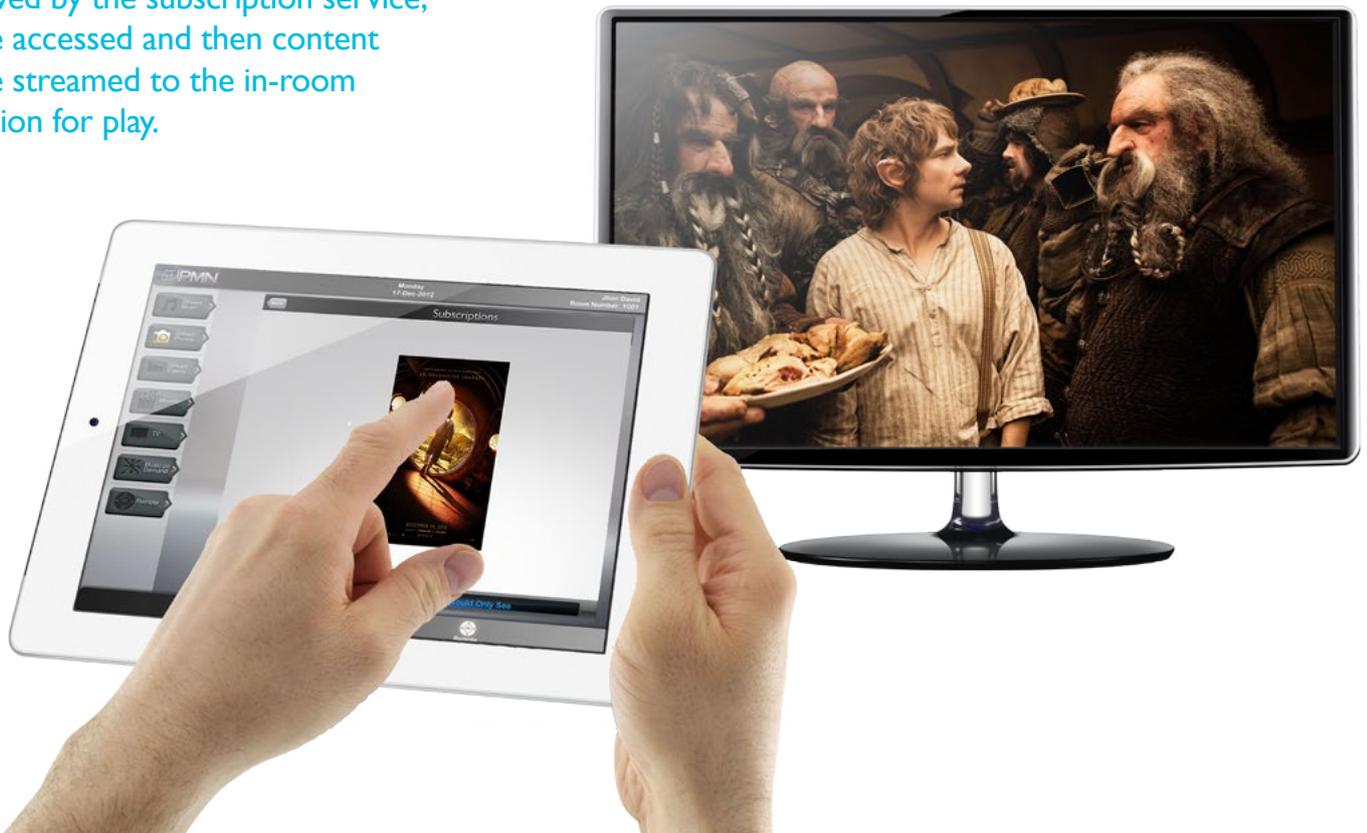


After syncing the mobile device with the TV, a menu of options appears on the PMN application window. Options include Stream My Videos to TV, Stream My Music to TV, Stream My Photos to TV, Access Subscriptions, Watch Live TV, as well as a full complement of hotel services, including the ability to complete transactions for services like in-room dining, spa reservations and shopping.



Access subscription accounts and play on television

Subscription content, if licensed and approved by the subscription service, can be accessed and then content can be streamed to the in-room television for play.



Stream content stored on device to television

Content already stored on the mobile device, if DRM approved, can be streamed directly to the television for viewing on a larger screen simply by syncing the mobile device with the television via the PMN app. Videos, Music, Photos can all be synced between the device and the television, including content from social media accounts like Facebook, Twitter and Google.



Watch hotel VOD movies on mobile devices

Movies stored on the hotel's Sensiq entertainment system, if licensed and approved by the studio, can be accessed with the PMN app and played on the mobile device, once the device is synced to the in-room television system. This functionality enables guests to make the VOD content portable throughout the hotel WiFi environment.



Mobile device controls in room entertainment and television

With the PMN app, guests can access the hotel's Sensiq television entertainment system and browse movie and entertainment options, play content, watch trailers, shop services and complete transactions like ordering room service and making spa reservations.



Play live TV on mobile devices

The PMN app, once synced to the in-room television entertainment system, enables guests to control all television functions with their mobile device, including the ability to stream free to guest television to the mobile device for play, if approved by the programmer. This creates a free to guest viewing area as large as the hotel WiFi area and no longer limits viewing on the in-room TV only.



PVR: Use mobile device to record favorite programming

With PMN, guests can pause and record their favorite programming, creating an entertainment network just like home. Because the content is synced between the TV and mobile devices, guests can choose to start content on one device and then complete the viewing on another at a later time during their stay. All content supported with PVR functionality must be programmer licensed and approved for such use.



IPG provides real time programming information

An Interactive Program Guide is available on the in-room television as well as the mobile devices when synced by the PMN app. This enables guests to scan viewing options available from the hotel's FTG line-up. Picture in picture functionality enables guests to get a sneak peak of the programming prior to tuning to the channel. IPG functionality is available on the mobile devices once they are synced with the television

entertainment system. Guests can use either the remote control or virtual controls on the pad or phone to scan and tune programming on the television or the mobile device, if programmer approved for play out. The PMN app also offers a Channel List feature, which provides direct access to viewing of the hotel's FTG line-up either on the television or the mobile devices.

