IPTV SERVICES PLATFORM DEVELOPMENT

for a European technology service provider

OVERVIEW

The Client is based in Europe and is a technology service provider offering IPTV services. ACL Digital built an IPTV services platform with a self-care portal that is easy to manage by the end-users.

CUSTOMER REQUIREMENTS

Supports content providers to deliver content and help the content distributors(operators/ISPs) acquire content licenses and offer services to their subscribers

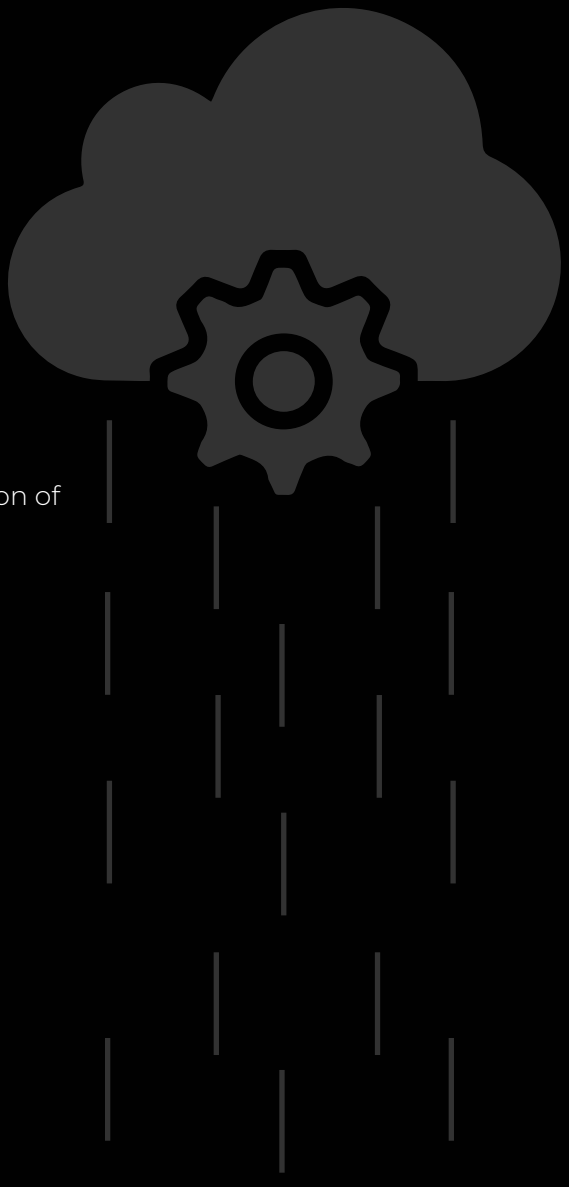
Supports centralized administration of different systems' content, providing a state-of-the-art customer care service and addressing the customer concerns by performing operations on behalf of the customer

Helps content providers upload content, create product offering and view the consumption statistics

Helps distributors purchase content from content providers, create their own products for end users and view the consumption statistics

Enables end-users subscribe to their distributors services and consume the content

SOLUTION



1. Developed various middleware modules of the IP TV services management platform which includes
   - Content provider/distributor management
   - Content management
   - Roles & rights management
   - Product management, billing & reporting
   - API management & platform administration
2. Developed an administration module for centralized configuration of different components like
   - Virtual CPE
   - Virtual Router
   - Virtual Wireless LAN controller
   - Media Converters
   - Subscriber database and switches
3. Developed a self-care portal for the end-users to manage
   - Subscriptions
   - Configurations
   - Subscriber Database for storing/retrieving all the subscriber information via APIs

OUTCOMES

- ASP .NET: MVC, Web API, SignalR, OWIN, Razor
- Async module (async/await)
- Programming in C#
- SQL Server 2014
- Couchbase (both as document store and caching)
- JavaScript/jQuery, Bootstrap, CQRS, Message bus (Mass transit with RabbitMQ), AngularJS,Less or SASS

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ACL Digital is a part of ALTEN group, a leader in technology consulting and engineering services.

To know more about how ACL can partner with you to help create Digital Transformation, connect with: **business@acldigital.com**

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