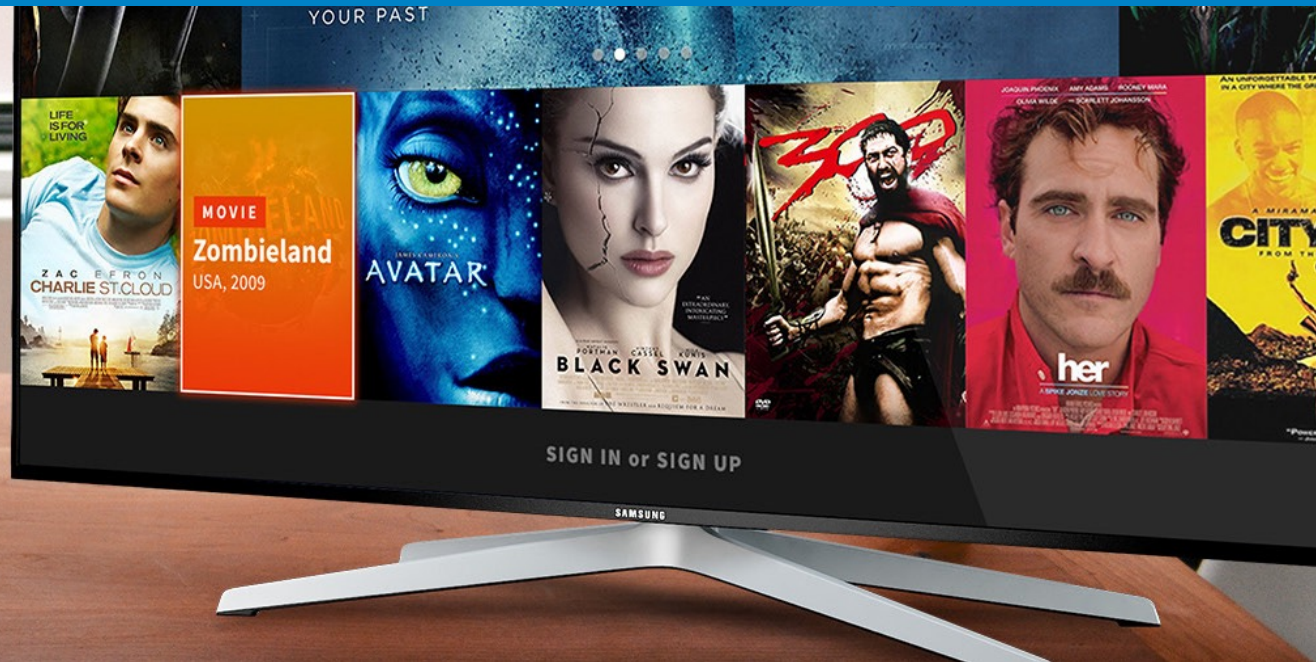


mautilus

26.07.16

# Mautilus

INTRODUCTION OF THE COMPANY



# Mautilus in a few words

**Established in 05/2010**

## **Who we are?**

- Mautilus is an application developer for Mobile Platforms, Smart TVs, Game Consoles, Set-top boxes, Wearables, HbbTV and Web
- 100+ applications on application markets

## **Mission**

- The best quality custom application development for **multiscreen**

## **Vision**

- Be an innovative leader in mobile, SmartTV and HbbTV world
- Building OTT/DRM competence center
- Enjoy the work

# Mautilus in a few words

## Our USP

- Global reach to customers all over the World
- Complete Multiscreen client application development know-how
- Mautilus Smart TV SDK (open-source, BSD license)

## Staff

- 45 software engineers
- 3 graphical designers
- 3 project managers
- 3 scrum masters
- Permanent recruiting

# Mutilus in a few words

Seznam.cz invested in our company and now is our financial and product partner.



*Seznam.cz is the largest Czech Web portal visited. On its homepage it provides up-to-date news, information and e-mail, as well as full text search engine and links to field-specific websites also belonging to Seznam.cz (such as real-estates offers, car offers, etc.). For information about all the services Seznam.cz provides, please [click here](#).*

*Source: wikipedia.org*

# Our main customers

**HBO**

 icflix

 ONE

**ABB**

 Continental

 SAMSUNG

 Český rozhlas

**FILMIN**

 Telefonica O<sub>2</sub>

**MTG**

**SIEMENS**

 NASPERS

**ChannelLive**

- For more references see [our website](#)

# Our Services



We offer consultancy and development for following platforms:

## Mobile platforms

- iOS 7.0+
- Android (2.4+)
- Windows 8.1 + 10

## Platforms – based on Mautilus SDK

- SmartTVs – Samsung, LG, Sony (Android TV), Philips (Android TV), Sharp, Panasonic
- PlayStation 3/4
- Xbox One

## Others – native development

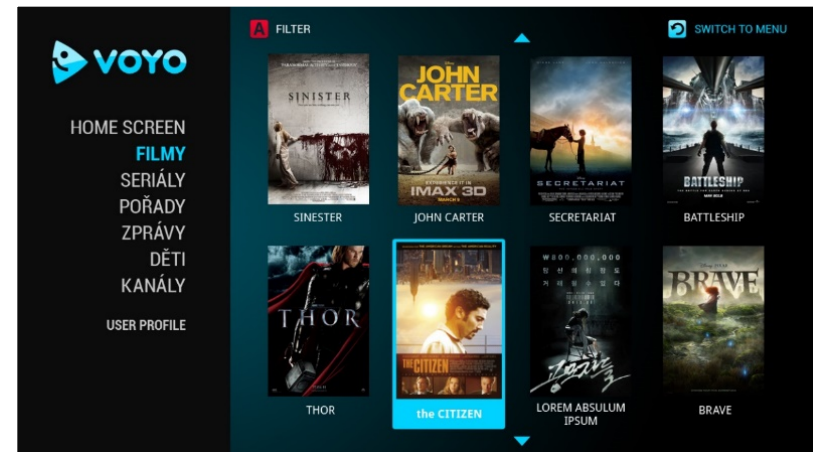
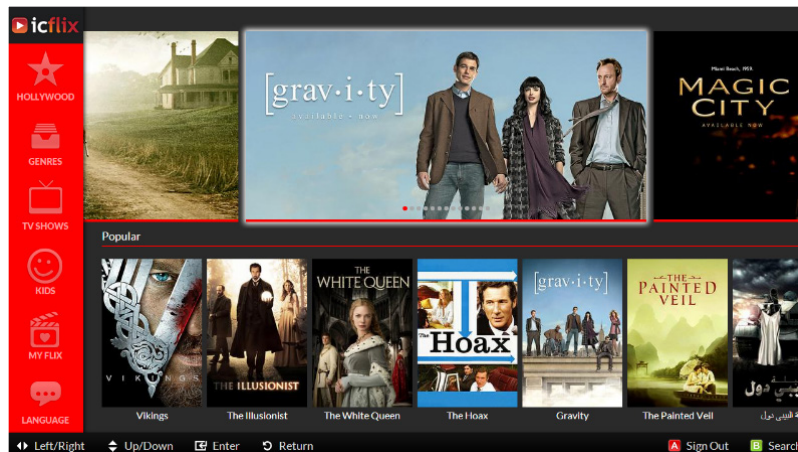
- Android TV
- Apple TV
- FireTV
- Xbox 360
- Roku
- Wearables (Google Glass, Apple Watch, Android Wear)
- Linux STB

# Our Services



## Designing

- Graphic and UX design are the kind of things we take very seriously in the process of app development.
- Without devoting attention to these things we would be creating something like a car without a body.



# Our Services



## Programming

- For us, programming is just much more than writing lines of code. It is the passion that has been driving us for more than 5 years and that constantly pushes us to get better. Although it is very probable you will not see our developers during negotiations, you will definitely see the results of their work.

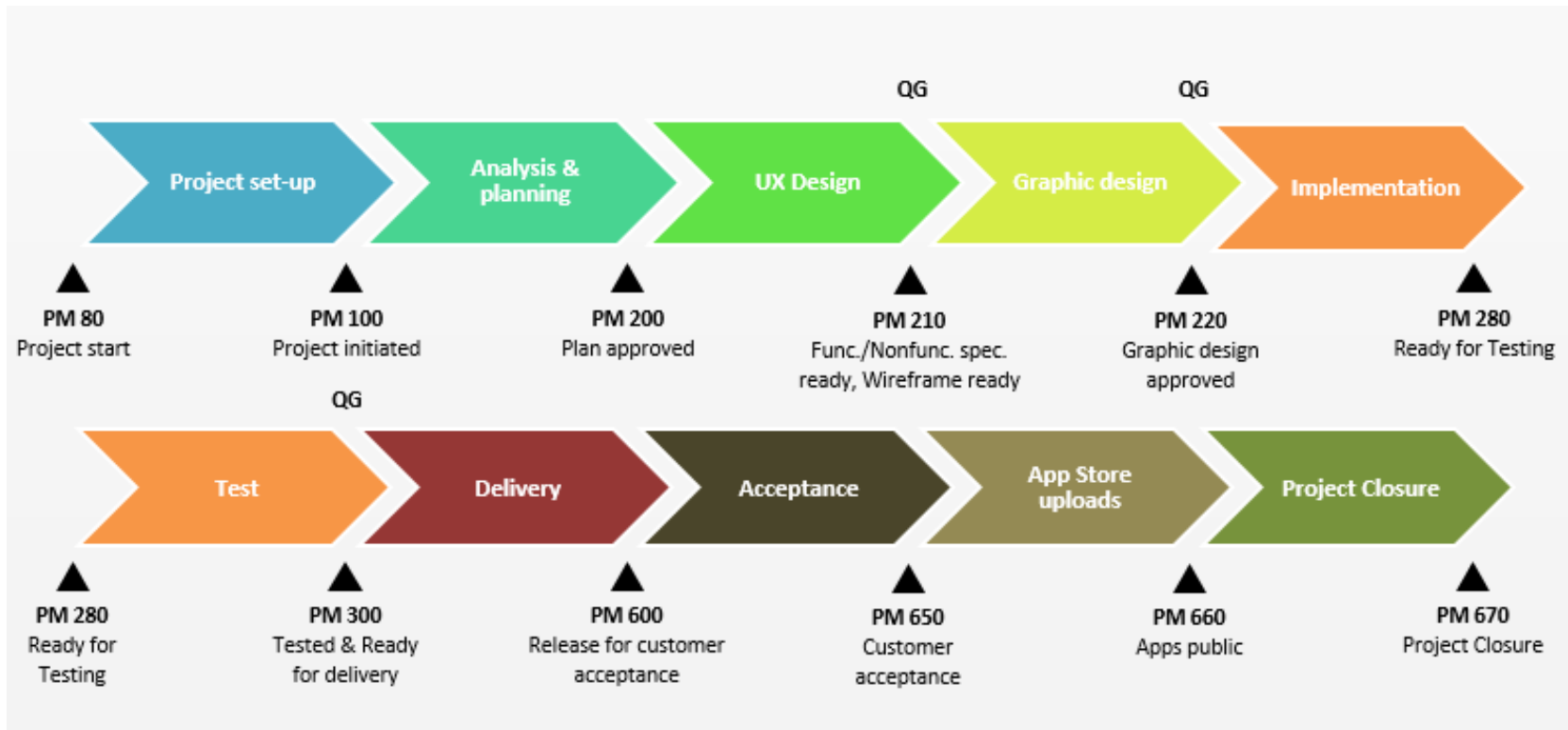
See our [Mautilus development process](#)



# Overall Development Process



- Experience & best practice turned into a pocket project guide



# Quality Gates



- Systems of **3 Quality Gates** to ensure the best quality

QG	Name	Criteria	Expected answer
PM 210	Wireframe ready	<ol style="list-style-type: none"><li>1. Is UX as simple as possible?</li><li>2. Does better UX approach exist?</li></ol>	YES NO
PM 220	Graphical design ready	<ol style="list-style-type: none"><li>1. Is it the best affordable graphical design?</li><li>2. Are we proud of the graphical design?</li><li>3. Is it comparable with "10 best similar applications from Google search"?</li></ol>	YES YES YES
PM 300	Tested	<ol style="list-style-type: none"><li>1. Is the approach of testing appropriate?</li><li>2. Does the list of test cases cover all possible scenarios that are affordable to test?</li><li>3. Was the final application reviewed by the graphical designer?</li></ol>	YES YES YES

# Testing



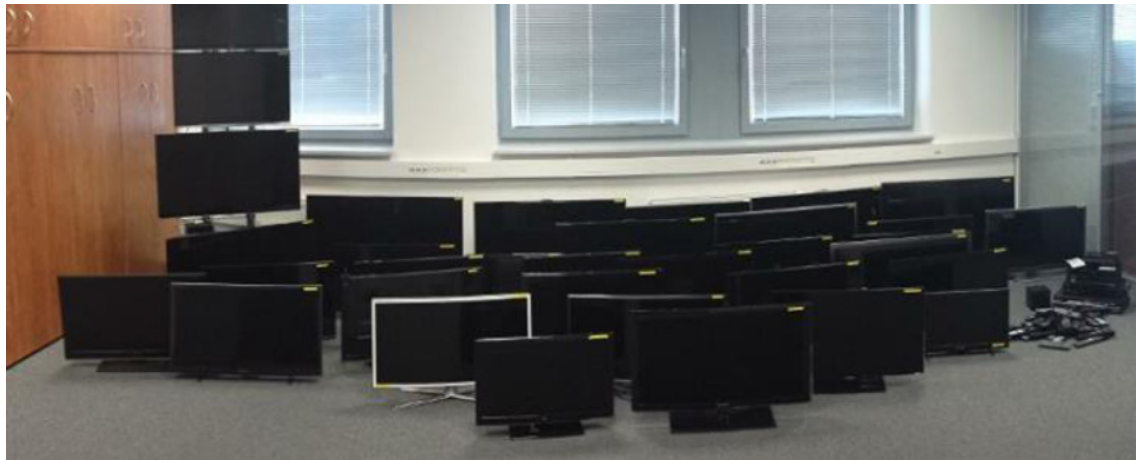
## We execute 6 types of tests:

1. Permanent/component testing during the development period
2. Regression tests/System tests:
  - Testing before each release against test cases list
  - Backward compatibility test, API versioning
3. UI customizations tests
4. Acceptance tests
5. API call flow tests
6. TV Vendor QA tests

# Testing



- Bug tracking done via Atlassian JIRA, but we can use any other external system as required by the customer like Bugzilla, Mantis, etc.
- Little automation on GUI level
- Large number of devices is required for testing -we operate with more than 200 devices
- Necessity for testing on Arabic, African, Asian models



# Delivering and releases

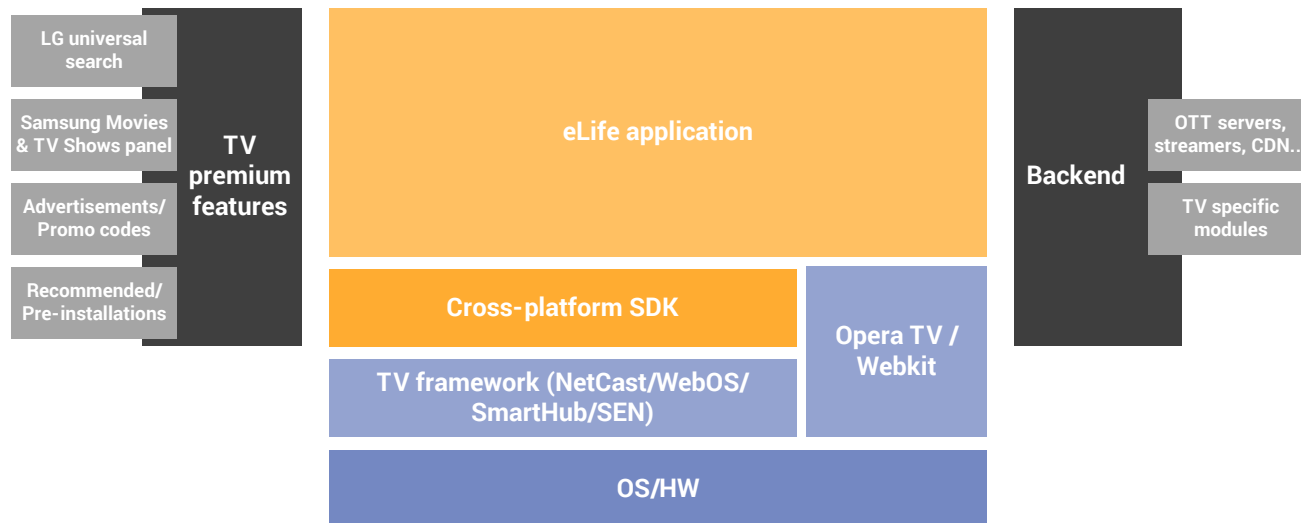


- Application development releases are planned in weekly or bi-weekly cycles
- Deliveries are installable packages with release notes
- Applications are script build and automatically configured and minimized
- For delivery:
  - We use HockeyApp system
  - Hosted applications are delivered through Amazon Web Services

# Mautilus Smart TV SDK



- Mautilus has developed a unique Smart TV SDK which allows to build an App once and deploy it on all major Connected TV Platforms.
- Platforms supported: Samsung, LG, Panasonic, Sharp, Toshiba, SONY, PS3/4, Xbox, Set-top Boxes and HDMI Dongles (Dune HD, ..)
- Free of Charge



# Tools



- **Issue & Project Tracking Software** – JIRA
- **Version Control System** – SVN, GIT
- **Continuous Integration** – Jenkins
- **Development IDE** – Android Studio, Xcode, ...
- **Communication** – Go2Meeting, Skype, Google Hangout
- **Internal:**
  - Documentation – Confluence Wiki – Atlassian
  - Worksheet – Timr
  - Internal Communication – HipChat
- Or we are able to use your preferred tool.

# Our Support



- We work world-wide with customers from Australia over Singapore, South Africa, Dubai, Europe to USA on daily basis. We are able to guarantee quick support in any time zone.

**8x5 or 24x7**



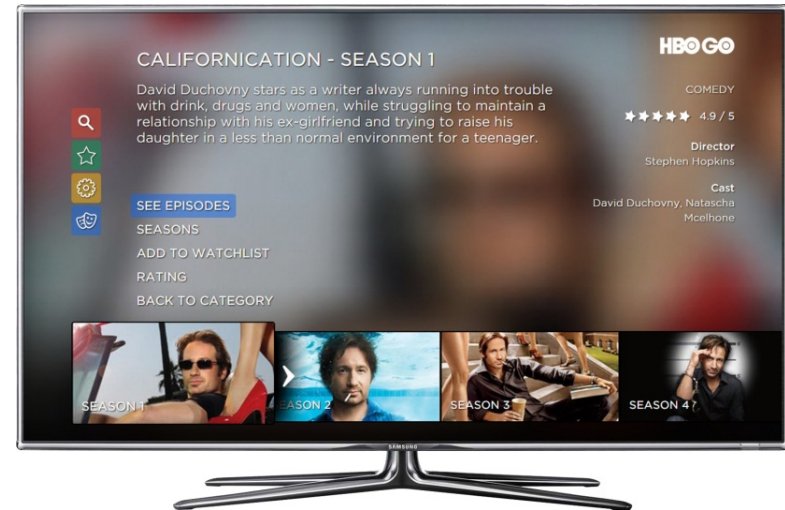
# Our Products & Prepared Solutions

- Smart TV OTT White Label
- AndroidTV OTT White Label
- AppleTV OTT White Label
- Android OTT White Label
- iOS OTT White Label
- HbbTV White Label (Archiv, EPG, Weather, Games...)
- HbbTV Advertisement Server - HemanTV
- HbbTV interactive Ads
  
- Find more information on [our website](#)

# References

## HBO.GO

- HBO.GO is a Video on Demand (VOD) service that was launched in February 2010 and now it is one of the most popular services of its kind worldwide.
- We have developed applications for Samsung Orsay, Tizen, LG WebOS, LG NetCast, Xbox 360.
- More details [here](#)

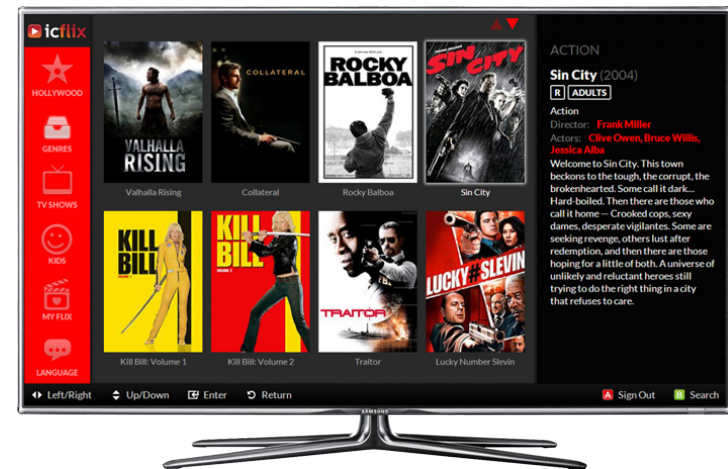
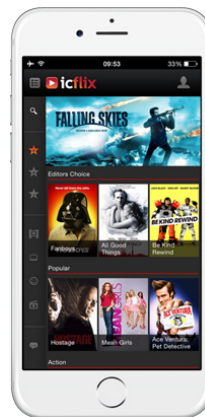
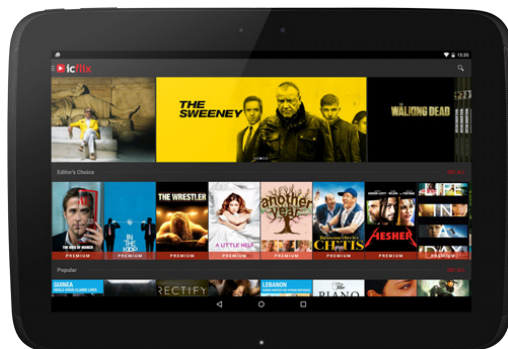


# References



## icflix

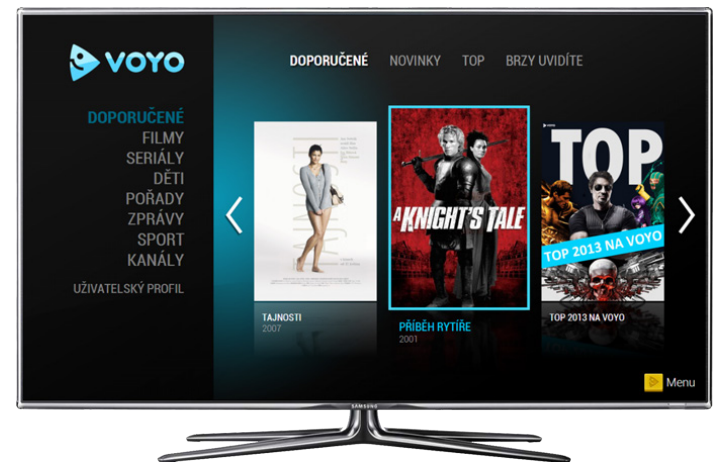
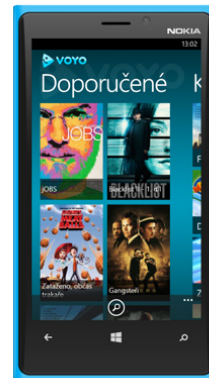
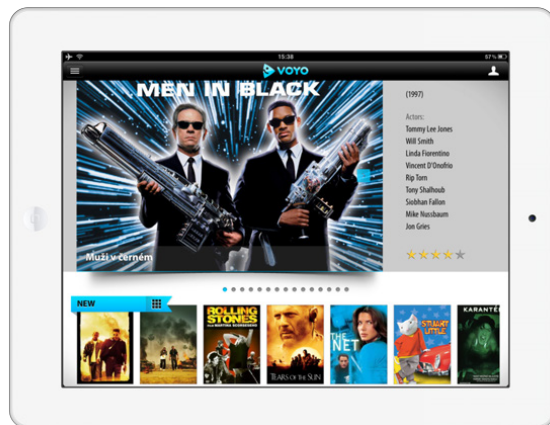
- icflix is a complete OTT/DRM solution for MENA countries, Latin America, and Africa
- We support icflix with the complete multiscreen solution on these platforms:
- Smart TV Samsung, LG NetCast, SONY
- Smartphones iOS, Android, Windows Phone
- Game Consoles Wii, PS3, XBOX
- More details [here](#)



# References

## VOYO

- VOYO is a complete OTT/DRM solution for Central European countries
- We delivered the complete Smart TV and Smartphone clients on these platforms:
  - Smart TV Samsung, LG NetCast, Panasonic
  - Smartphones iOS, Android, Windows Phone (7/8)
- More details [here](#)



# References



## O<sub>2</sub> TV

- O<sub>2</sub> TV is a video library providing Video on Demand service, which allows to watch a wide range of both global and domestic movies and series under DRM protection.
- We developed OTT/VOD SmartTV applications for Samsung and LG
- More details [here](#)

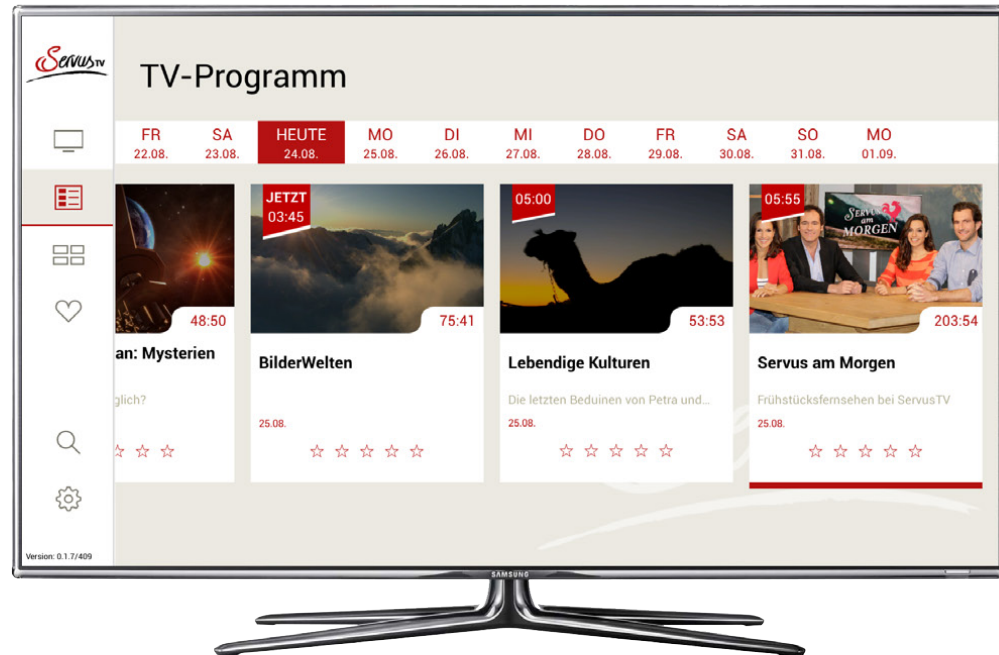


# References



## Servus TV

- OTT/VOD/Live stream application for Android smartphones, tablets, and Amazon Fire TV

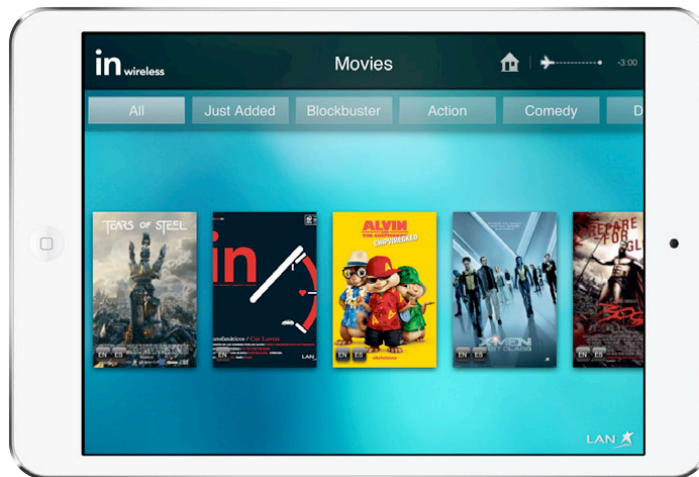


# References

# SIEMENS

## Media4sky

- Mautilus supports Siemens IFE (In-Flight-Entertainment) with Android and iOS Applications
- HLS Player for Android
- Verimatrix DRM integration
- Native and web cross-platform solution

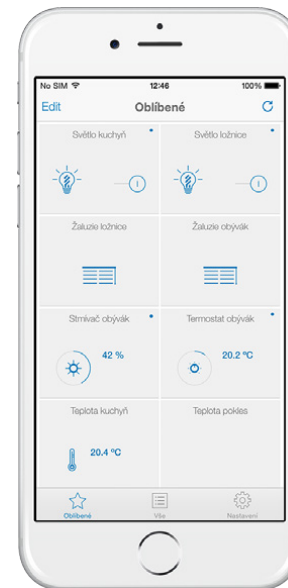
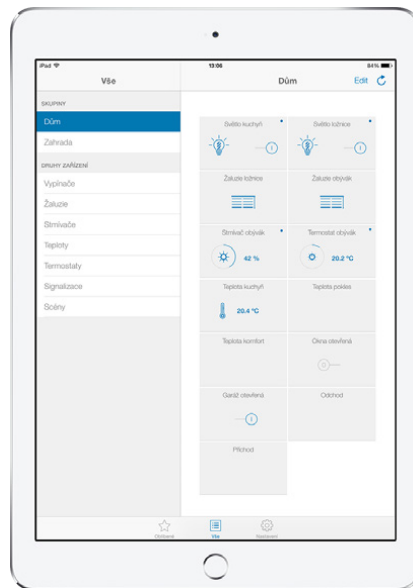


# References



## Ego-n®

- Mautilus prepared applications for Ego-n system, controlling intelligent electro-installation of houses
- Smartphones and tablets, Android, iOS
- More details [here](#)



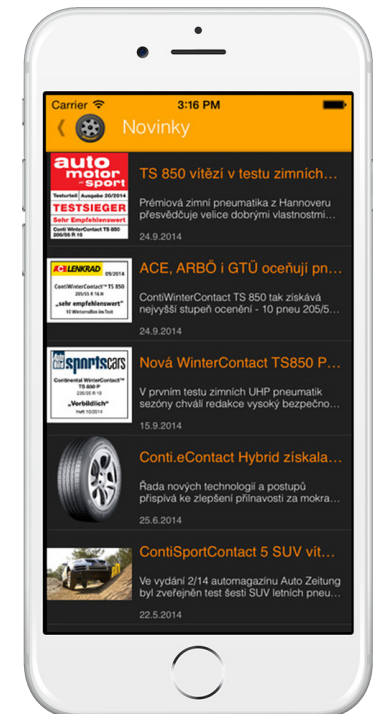
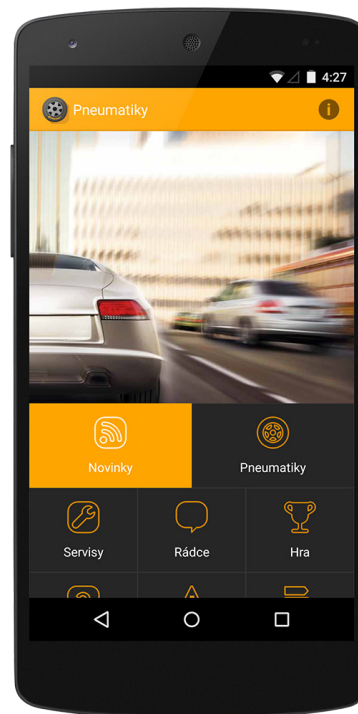


# References



## Pneumatiky

- We prepared the marketing and promotional application to support end customers
- Cloud client-server solution
- Google Maps integration
- iPhone, Android
- More details [here](#)

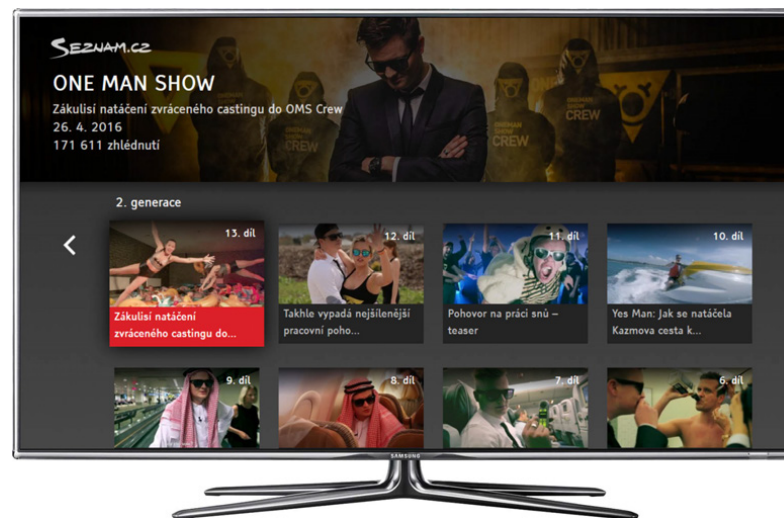


# References



## HbbTV applications

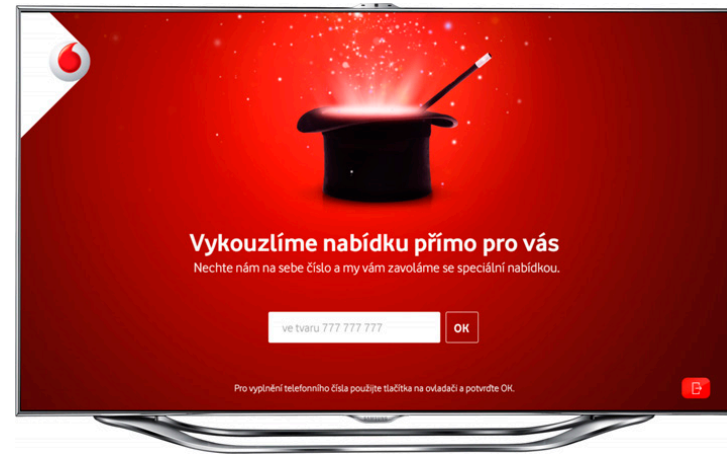
- [Seznam.cz TV](#) – the first HbbTV portal in Central & Eastern Europe
- TV Markíza
- [FTV Prima](#) - PoC



# References

## HbbTV interactive ads

- Broadcasted to 5 national channel
- Google Analytics
- Operated by our server HEMAN
- More details [here](#)



# Events



We organize:

## TVCON

- The annual Central European event focused on Connected TVs, HbbTV and OTT
- Organized in Prague
- Approx. 300 participants



## Smartmeetup

- The biggest bi-monthly event focused Smart Technology and Devices (The newest smartphone, wearable, game consoles)
- Approx. 60 participants



# Where to find us?

## Headquarters:

Mautilus, s. r. o.  
U Vodárny 3032/2a  
616 00 Brno, Czech Republic

## Local office DACH:

1A Höfergasse  
1090 Wien

## Local office MENA:

Dubai Office,  
2104 Cluster F JLT  
Dubai, UAE



**Brno**  
Czech Republic  
Headquarters



**Vienna**  
Austria  
GAS countries



**Dubai**  
United Arab Emirates  
MENA countries



We are looking forward to  
collaborate with you



**mautilus**

Thank you for  
your attention.

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