

Basic requirements on the Open TV Environment

Introduction

The Coordination Group for Open Broadband-TV published the 24:th of October 2004 the *Declaration for Open Broadband-TV*. To make this Declaration more specific the Group published the 28:th of February 2006 a *Functional Specification* which in detail describes a business model for open TV-network, i.e.the Basebox Environment. In parallel with the Functional Specification, Acreo published a *Draft Technical Specification*, with the intention to get comments from the market actors and requirements on the selected architecture.

As part of the ongoing reference platform project, involving the Service Providers and Basebox Operators aiming to introduce the Basebox Environment, a first Specification release, rev 1.0 will be published. While waiting for that release of the specification, the Coordination Group has decided to release the basic requirements mentioned below to be valid from today. In the coming Specification rev 1.0 the interface for service providers will be central, including the possibilities for them to implement in a simple way their services in the basebox environment! The basic requirements below will make the environment more specified and they deviate in no way from the Functional Specification which is the basis.

1. Support for multiple Service Providers in the same environment

That means that

- Service Providers must have access to their own environment, e.g. billing system
- The Services/ Service Providers must be separated by firewall from each other even when sharing common resources in the system.
- Service providers must independently be able to perform service maintenance, change the look and feel, the function and content and in a simple way implement local adaptations.
- The shift from one Service to another must be experienced as instantaneous, i.e. a delay of maximum a couple of seconds

2. Quick and cost efficient integration of Services

That means that

- Simple and cost efficient introduction of new Services/ Service Providers in the environment and that must not impact existing Services.
- It must be simple for Service Providers including small enterprises to apply their Services in the environment
- Typical integration time for a new Service must be in the range of some days, not months.

3. Support for an homogenous, supplier independent environment

That means that

- The Services must without any modifications function using in the environment certified Set Top Boxes from different suppliers and using certified encryption system (conditional access)
- The basebox environment must be scalable and multi environments must be able to function both independently regarding local profiles and coordinated regarding services, maintenance etc
- The environment shall be forward compatible concerning new hardware and suppliers

Coordination Group for Open Broadband-TV
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