



Avalpa: solutions for public administration

Public administration for the masses..

Today, public administration (PA) has to **speak to citizens** in a simple, effective and broadest way. Many people today can't access **already available PA services** for just a simple reason: the limited (physical or logical) access to the needed resource: maybe it's just an hidden office, or a missing internet access or a too complex web interface. Who cares..



This problem can be solved now; the answer will be back on tv, with **smart digital television services over broadcast or optical disk.**



Let's learn from the mistake of the past and call it **t-gov 2.0**. Let's stop closed trials, let's start with mass services.

With Avalpa services, you can reach more than **five million m@p** decoders in Italy (5.6M source Gfk Marketing research march 2008) and more the **twelve million BluRay** PS3 players globally (source Sony SCE UK spokesman 31 march 2008)

You do have useful services; let's bring them at home!

Free solutions and the right bang for the bucks..

Avalpa doesn't sell closed technology, it gives away free ones, so Italian PA could abide by the law, trust them for long term projects, and don't have to reinvent the wheel, again and again.

Nevertheless, we get our revenues from **training and consultancy, for smart ideas, system integration with your back-end and quality assurance**. It's that simple!

Our open technology is already proven with **more than 4 years** of paying customers and running services (like **JustDvb-it** and **T-islessia**); we hope you trust us now.



Conclusion

Avalpa is a young dynamic company with already a long story behind and a mission in front of it: let's help to close the gap between people and public administration. It's a win win solution for everyone; why don't you try it today?



Technical details to digital tv for public administration

Digital television is a communication channel you can't miss: pervasive, intuitive, easy to go. We are offering the missing bridge to Public Administration so it can successfully get on board.

Avalpa promotes a lightweight approach to deliver the same set of internet services thru interactive television in the smoother and seamless way. The **simpler man machine interface** made upon multimedia on tv and remote control data entry is our key value.

Behind the scenes, you can find **easy content management systems**, **web pages dynamic translation** and **access to transactional databases** both direct or thru application gateways.

Technology offering

Our cornerstones are three **completely open source** technology bricks that can deliver services on more than 5 million STB deployed in Italy or on Blu Ray disks :

- **OpenCasterServer (OCS)** is our own open source set of tools that enable, on the server side, public administration services integration with digital tv broadcasters and Internet service provider in a dependable, reliable, affordable, customizable way.
- **Java Enhanced Television (JET)** is the open source STB software that will empower the target user (citizen, elderly people, kids) with a smooth experience on selected set top box hardware. Completely customizable. Fast and reliable end user feedback, and an easy menu tree are the first selling points.
- **Advanced Xlet Engines (AXE)** are the general purpose java engines that can fulfill all the standard features (information, presentation and transaction). They can be easily customized both in business logic and content (text and graphic) and they can be always freely extended for special purposes (that's what open source is all about). Accessibility features like bigger fonts and high contrast graphic are available by design.

Main features

<p><i>OCS: the server</i></p> <ul style="list-style-type: none"> ● Reliable Linux OS based server ● DSM-CC smart carousel server ● Dynamic updating (PUSH and PULL) ● Closed user group services 	<p><i>JET: the middleware</i></p> <ul style="list-style-type: none"> ● running on low cost set top box ● friendly interface (accessibility) ● interactive apps from DVB, local storage, IP network (xDsl, wi.fi) ● completely customizable
<p><i>AXE: the presentation engine</i></p> <ul style="list-style-type: none"> ● extensible XML microbrowser ● smart card support (CIE, CNS) ● persistent apps, classloading ● MHP compatible (*) 	