

## Third Laureate Research & Development

**Project Title:** AryaGate: Modular and Integrated Gateway for Access Network  
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### Abstract:

AryaGate is a cloud access point, optimized for bank branch networking requirements. Integrating all network access services, AryaGate provides integrated management and security capabilities.

Thanks to its modular architecture, AryaGate is capable of connect via hybrid networks such as DSL, fiber, 3G/4G or satellite channels. One of the most important modules of AryaGate, named dvbX , is based on Software Defined Radio technology provides the capability to communicate through most of the current available satellite hubs such as Advantech and i-Direct. dvbX also can provide a point-to-point communication channel as well as a full mesh topology.

AryaGate is Open. The user can develop her own application e.g. his proprietary firewall on ArayGate open platform or use any third party application. The open architecture of Aryagate brings the compatibly to Next Generation Networks such as Software Defined Network.

Transcending User Experience of AryaGate, through its touch screen user interface, makes it the first network appliance with such capability, hence, there is no more need to professional network assistants to interact with AryaGate.

