



CAS reduces product development cost by 76%

Accelerate Development of Next-Generation Enterprise MSBG, Secure Routers and Home Gateways

Challenges

Integrating components from multiple vendors to implement features such as switching, security, voice services and WiFi in next generation devices not only increases development and maintenance costs, but also delays the introduction of new products.

Solution

Aricent Converged Access Solution (CAS) is a comprehensive software package geared to help equipment manufacturers develop integrated modular devices on a single software platform.

Benefits

Aricent CAS enables you to minimize the time-to-market of new products in various form factors, while significantly reducing integration and maintenance costs.



Multi-Service Complexity

With the increased adoption of VoIP and video services, service providers and end users are demanding integrated devices that support routing, switching, wireless connectivity, security as well as voice/video services. Equipment manufacturers face multiple challenges in integrating all these different technologies, often purchased from multiple vendors, into a single, easy to manage, cost effective system. These include increased integration and maintenance costs, delays in new product introductions, as well as sub-optimal performance of the end products.

Aricent Converged Access Software

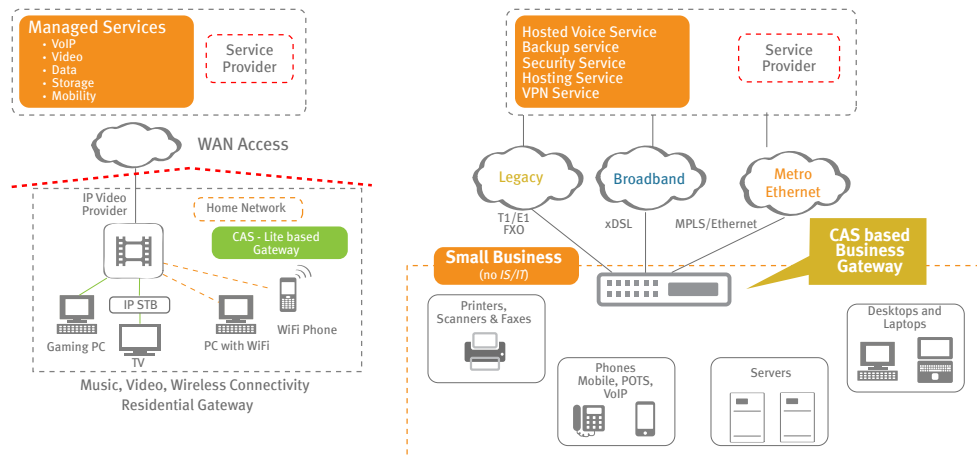
Aricent CAS solution is a comprehensive software package for equipment manufacturers spanning across different product categories such as Residential/Home Gateways, Secure SMB Routers, SIP enabled Media Gateways and Multi-Services Business Gateways (MSBGs). CAS reduces both product development time and integration complexity thereby reducing time-to-market by 86%.

CAS packages enable you to create multiple product lines based on a single software platform. The package includes the following functionalities:

- **WAN Routing** – Comprehensive set of QoS and WAN routing capabilities that support DSL, T1/E1, Ethernet interfaces and HDLC, PPP bridging / routing, RIP and OSPF protocols
- **LAN and WLAN** – Ethernet Switching, RSTP, MSTP and advanced VLAN management and WiFi connectivity
- **VPNs and Security Services** – IPSec VPN, Stateful inspection firewall, DoS mitigation, NAT and common ALGs
- **Voice Services** – Advanced call control and bandwidth management with Aricent Edge Session Border Controller (eSBC) built on Aricent's market-leading SIP software
- **Management** – Complete management with SNMP, CLI, user-friendly Web UI, and integrated TR-069 for Zero-Touch remote management by the service provider

- *CAS saves up to 76% of your development expenses when compared to building a new product from scratch and 64% when compared to integrating stacks from multiple vendors.*
- *CAS allows you to reduce time-to-market by up to 86% when compared to building a new product from scratch and 70% when compared to integrating stacks from multiple vendors.*

Gateway Deployment



Features and Benefits

Comprehensive feature set – Aricent CAS provides a comprehensive set of features that enables you to reduce integration challenges and ensure superior product performance.

Rapidly evolving roadmap – Aricent CAS has a well defined roadmap to address emerging requirements for connected home services enabled by DLNA and IMS, Femto/LTE Access points and Zero Touch Manageability.

Robust software – Quality software, documentation, protocol component validation, system validation, stress and scalability tests reduce product development and testing cycles.

Modular, extensible architecture – Flexibility to add, remove and modify modules to build a wide range of application specific devices.

Portable design – The portable design of Aricent CAS helps you to quickly integrate it with different combinations of OSEs, CPUs and chipsets.

Common management interfaces – The well-defined user interface ensures smooth and rapid deployment with little training. Further, support for SNMP, CLI and Web UI and TR-069 ensures cost effective remote management and maintenance.

Excellent support – Aricent provides its customers on-demand support services, with a quick turnaround time.

Aricent Design and Integration Services

Aricent CAS is backed by our nearly 2 decades of experience in voice and data communications combined with integration and design services that reduce overall risks for equipment

“Aricent has a unique offering for the MSBG software market today with the Aricent Converged Access Solution” -

Charlie Kawwas, Vice President, Network and Storage Products Group, LSI

manufacturers that cater to the emerging trends of advanced home networking, Fixed-Mobile Convergence, 3G- Femtocell and more.

Reference Designs from Aricent

Aricent partners with ecosystem vendors such as Merchant Silicon Vendors, ODMs and Software vendors with complementary software to provide an integrated solution that eliminates risk and accelerates product realization time for OEMs.

Complementary Aricent IPR Ecosystem

Besides CAS, Aricent also has a complementary software ecosystem, which includes IPRs like Intelligent Switching Solution, Edge Gateway Toolkit, Multimedia platform with Codecs and other stacks. These Aricent IPRs can be used to rapidly integrate and create new products in conjunction with CAS.

Next Steps

To learn more about Aricent CAS, contact your local Aricent sales representative. You can also find more information on CAS at www.aricent.com/cas.

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