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NETWORKING | INTELLIGENT SWITCHING SOLUTION

Building the Next Generation Multi-service Converged Aggregation Blade, with Intelligent Switch Solution

Intelligent Switching Solution
Case Study

Aricent is now Altran



75%

of the features required readily available in our software framework

BUILDING THE HIGH AVAILABLE NEXT-GENERATION CONVERGED AGGREGATION BLADE THAT INTERCONNECTS ACCESS BLADES BASED ON MULTIPLE SUBSCRIBER TECHNOLOGIES

We worked with a Global Tier2 provider of communications solutions to develop the highly available ethernet based Interconnect Module connecting access blades supporting multiple subscriber technologies including GPON, VDSL2, ADLS, POTS, etc, with support for non-stop switching, routing and high resiliency while supporting diverse network use cases.

70%

of the features integrated on the client's chosen hardware platform

OUR SOFTWARE FRAMEWORK WITH THE MAJORITY OF FEATURES PAVED THE WAY TO REDUCING WORK

Together with the client, we defined product architecture to support complex and diverse networking scenarios, evolved the detailed feature specification, developed and integrated the complete range of Ethernet switch features, unicast and multicast routing, high-availability, stacking, and brought up all the features on Broadcom's Trident based hardware platforms and supported the customer in the end-to-end solution testing & validation.

TIME TO MARKET ADVANTAGE

The validation process by the client was inevitable to ensure product quality and the testing cycles were lengthy. Reuse was minimal from one networking product to another. The client had an alternative delivery model for accelerated product development while maintaining and improving quality and performance. Our software framework which had the majority of features required in a switch/router helped in reducing work in all phases of a new product - detailed feature specification, architecture, development, software + hardware integration and validation.

Find out more about what Altran's Software Frameworks and Solutions can do for your company.

Get in touch to set up a call or meeting with an Altran expert today:
marketing@Altran.com

About Altran

Altran ranks as the undisputed global leader in Engineering and R&D services (ER&D). The company offers clients an unmatched value proposition to address their transformation and innovation needs. Altran works alongside its clients, from initial concept through industrialization, to invent the products and services of tomorrow. For over 35 years, the company has provided expertise in Automotive, Aeronautics, Space, Defense & Naval, Rail, Infra & Transport, Energy, Industrial & Consumer, Life Sciences, Communications, Semiconductor & Electronics, Software & Internet, Finance & Public Sector. The Aricent acquisition extends this leadership to semiconductor, digital experience and design innovation. Altran generated revenues of €2.9 billion in 2018, with some 47,000 employees in more than 30 countries.

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