



AePONA Leverages Telecommunications Assets with IONA

Customer Information

Customer:	AePONA
Headquarters:	Belfast, Ireland
Industry:	Telecommunications
Solution:	IONA Orbix

Customer Overview

Aepona is a provider of application-led products and expert services to telecommunications operators globally, allowing them to rapidly deploy profitable new services across fixed-line, mobile and SIP/IMS networks. Aepona's solutions enable operators to adopt new business models, combining externally hosted with network-resident services to unleash the full power of their networks.

AePONA wanted to create a next generation platform that would allow operators to make use of existing assets and legacy network capabilities to create new, high revenue services. It was critical that the platform be extensible to provide a transparent migration path to future network technology.

AePONA created the Causeway Gateway architecture with IONA's Orbix, and now have a platform that allows operators to define their own interfaces using various standards including XML and Web services. From CORBA to XML, Orbix is a complete integration platform.

"Orbix provides us with the functionality, reliability, and scalability that operators demand from our Causeway product suite. With Orbix, we can offer our customers a solution that they can deploy on any platform, and integrate with any CORBA-compliant system. This increases our potential market, and gives us an advantage over our competitors."

*Kieran Dalton
Technical Director
AePONA*



Making Software Work Together™

Challenge

AePONA needed an integration platform that would support its integration needs of today, and of tomorrow. They had many diverse, existing assets in place and since many applications were to be customer facing, performance and reliability were critical. To AePONA, this meant working with proven technology that adhered strictly to industry standards.

Solution

AePONA chose to work with IONA, and used Orbix as the CORBA implementation at the heart of the Causeway product suite. Because of Orbix's strict compliance with standards, the Causeway Gateway can be deployed on any platform and can seamlessly integrate with any other CORBA-compliant system.

The Causeway gateway uses the OSA/Parlay standard, allowing applications to be implemented across many vendor platforms and solutions to be implemented using different technologies. The services framework contains services including call routing communicate with other management systems and monitoring, and messaging, and AePONA customers can use Orbix to connect their applications to these services. Orbix also controls access to the Service Framework services enabling the Causeway Gateway to

Results

AePONA created the Causeway product suite that is portable, vendor-neutral, and stands up to the demanding reliability and scalability requirements of the telecommunications industry. Operators can easily create new applications that leverage new applications to generate new revenue, using the interface of their choice. The Causeway Gateway increases AePONA potential market, and gives them an advantage over their competitors.

Why IONA

- Value-added telecommunications services: Orbix is fully CORBA-compliant, resulting in a fully portable product suite
- Leverages existing and future IT assets: Orbix allows solutions to be developed rapidly and cost effectively, and can be deployed with existing infrastructure components and emerging network architectures
- Vendor and platform-independent solution: Orbix allows AePONA's customers to implement applications that communicate with disparate systems in a multivendor environment
- Resilient, highly available product: Orbix has proven reliability and offers many quality-of-service (QoS) features including load-balancing and redundancy

IONA, IONA Technologies, the IONA logo, Orbix, High Performance Integration, Artix, Adaptive Runtime Technology and Making Software Work Together are trademarks or registered trademarks of IONA Technologies PLC and/or its subsidiaries. CORBA is a trademark or registered trademark of the Object Management Group, Inc. in the United States and other countries. All other trademarks that may appear herein are the property of their respective owners.

COPYRIGHT NOTICE. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, photocopying, recording or otherwise, without prior written consent of IONA Technologies PLC. Copyright © 1999-2007 IONA Technologies PLC. All rights reserved.

For more information on Orbacus visit:
www.iona.com/products/orbix/

info@iona.com
www.iona.com

US Headquarters

IONA Technologies, Inc.
200 West Street Waltham, MA 02451 USA
T : + 1.781.902.8000 F : + 1.781.902.8001

European Headquarters

IONA Technologies PLC
The IONA Building
Shelbourne Road, Dublin 4, Ireland
T : + 353.1.637.2000 F : + 353.1.637.2888

Asia-Pacific Headquarters

IONA Technologies Japan, Ltd.
SKI Akasaka Building,



Making Software Work Together™