



ESB: Reducing the Data Footprint by 21% with Expert Advice from SAP® Enterprise Support

If you want to provide utilities to a nation, you better have somewhere to store your data and a surefire way of finding it again. As a utilities provider serving the Republic of Ireland, Northern Ireland, and Great Britain, ESB knows data can mount up. ESB also maintains Ireland's electricity network and its infrastructure. As if that weren't enough, ESB is building telecom sites across the land. But oversized data was hindering software performance. As part of ESB's comprehensive continuous improvement initiative, SAP® Enterprise Support services was summoned.

The task was straightforward: reduce ESB's gargantuan database, increase performance, simplify archiving processes, and save costs. Routine tasks for SAP Enterprise Support. And it came through. ESB reduced its data footprint by 21% and saved about €100,000 as a result. With systems and software humming, ESB got back to its real work, which includes rolling out a national smart metering program, entering a European-wide integrated electricity market, and establishing a 21st-century optic fiber cable network across Ireland.



Picture Credit | SAP SE, Walldorf, Germany Used with permission. Used with permission.



Energy for
generations

Reducing data by terabytes for big cost savings

Company

ESB Group

Headquarters

Dublin, Ireland

Industry

Utilities

Products and Services

Managing electricity and gas supply accounts for individuals and businesses

Employees

7,150

Revenue

€1.43 billion

Web Site

www.esb.ie

Objectives

- Reduce size of a very large database
- Contain significant database growth
- Facilitate and simplify archiving processes
- Prepare for migration to the SAP HANA® platform

Why SAP

- Guidance offered by SAP® Enterprise Support services as part of ESB's comprehensive continuous improvement initiative around SAP software
- Expertise in database management and archiving
- In-depth knowledge of IT operations as well as the SAP Business Warehouse (SAP BW) application and the SAP for Utilities solution portfolio

Resolution

- Introduced state-of-the-art database backup processes
- Implemented efficient and transparent database management and size-reduction strategies
- Deployed tools to help facilitate database reduction and archiving
- Made extensive use of appropriate continuous quality checks on six production systems
- Introduced a solution that helps ensure database size remains optimized

Benefits

- Increased software performance
- Reduced size of database as well as data volume
- Achieved significant cost reduction
- Dramatically reduced need to invest in additional storage
- Accommodated growth with little need to increase hardware investment

21%

Reduction in SAP software data footprint

3.7 TB

Less data

€100K

Savings as a result of software improvements

“With SAP guidance through the data volume management value map, we saved in excess of €100K to date. This was achieved through a reduction of the production software database footprint and subsequently associated nonproduction software systems in our SAP software estate.”

Damian Pacitto, Solution Architect Manager, ESB Group

© 2017 SAP SE or an SAP affiliate company. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE or an SAP affiliate company. The information contained herein may be changed without prior notice. Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors. National product specifications may vary.

These materials are provided by SAP SE or an SAP affiliate company for informational purposes only, without representation or warranty of any kind, and SAP or its affiliated companies shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP or SAP affiliate company products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty. In particular, SAP SE or its affiliated companies have no obligation to pursue any course of business outlined in this document or any related presentation, or to develop or release any functionality mentioned therein. This document, or any related presentation, and SAP SE's or its affiliated companies' strategy and possible future developments, products, and/or platform directions and functionality are all subject to change and may be changed by SAP SE or its affiliated companies at any time for any reason without notice. The information in this document is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. All forward-looking statements are subject to various risks and uncertainties that could cause actual results to differ materially from expectations. Readers are cautioned not to place undue reliance on these forward-looking statements, and they should not be relied upon in making purchasing decisions.

SAP and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE (or an SAP affiliate company) in Germany and other countries. All other product and service names mentioned are the trademarks of their respective companies. See <http://www.sap.com/corporate-en/legal/copyright/index.epx> for additional trademark information and notices.

