



Synthesizing business reporting post mergers and acquisitions with Microsoft solutions

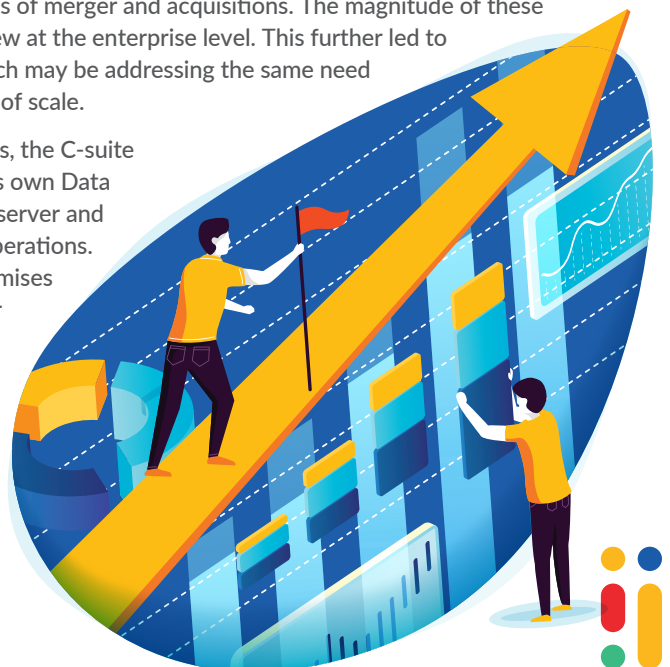
Hexaware is a premier IT solution provider working towards transforming IT solutions and solving complex business problems using a combination of human creativity and intellect. We leverage the power of ubiquitous data, insights-driven algorithms and strategic cloud computing to help customers achieve business transformation. Our three-pronged strategy – **Automate Everything®**, **Cloudify Everything®** and **Transform Customer Experiences®** enables us to fast-track enterprises into the digital era.

Aggressive inorganic growth leading to no single view of the enterprise

One of our clients, ENVA Group, is a leader in the resource recovery, waste management, industrial and water management solutions operating across the United Kingdom and Ireland. With sustainable development at the forefront of their value propositions, they recover a broad range of hazardous & non-hazardous waste materials for re-use in manufacturing and energy conversion processes. Before they contacted us, they were facing challenges in managing disparate IT estates of the combining entities of merger and acquisitions. The magnitude of these challenges was further extended for the CXOs due to the absence of a single view at the enterprise level. This further led to inefficiencies in terms of unnecessary IT spends on different product stacks which may be addressing the same need and overheads to manage the disparate systems without gaining the economies of scale.

Also, since all the firms acquired by our client were operating as separate entities, the C-suite executives were unable to get a single view of their businesses. Each firm had its own Data Warehouse and reporting platform - leaving our client bleeding with exorbitant server and licensing costs. This fragmentation was proving detrimental for their business operations. The complete Data Warehouse and BI ecosystem was based on a legacy on-premises stack, making it very difficult for our client to scale the data landscape whenever there was a fluctuation in the incoming data volumes.

A considerable amount of time and effort was put into consolidating the reports received from finance, sales, operations and HR teams of each of the acquired entities. Furthermore, if they plan to grow through more acquisitions in the future, this increased cost-and-time challenge would keep on spiraling.



Below is the view of their Data Management Estate before we implemented our solution:

	Unit A		Unit B		Unit C		Unit D	
	Dry Waste	Hazardous Waste	Dry Waste	Hazardous Waste	Dry Waste	Hazardous Waste	Dry Waste	Hazardous Waste
Reporting	Qlik View	Qlik View	Qlik View	Jet Reporting	Jet Reporting	Jet Reporting	Jet Reporting	Jet Reporting
	Excel	Excel	Excel	Excel	Excel	Excel	Excel	Excel
	Crystal Reports		Power BI					
	QlikSense							
	Jet Reporting							
Data Processing	SSIS	Outsourced	SSIS	Outsourced	Outsourced			
	Scripts and Procedure		Scripts and Procedure					
Data Store	SQL Server	SQL Server	SQL Server 2010	SQL Server	SQL Server	Access DB	Access DB	Access DB
	Access DB		SQL Server 2014			SQL Server	SQL Server	SQL Server
Sales Apps	IWS6	IWS6	ELEMOS	Excel	Excel	Excel	Access DB / Excel	Access DB / Excel
Operations Apps	Excel	Outsourced	ELEMOS / Excel	Outsourced	Outsourced	Access DB / Excel		Access DB / Excel
Finance Apps	Navision	Navision	Navision	Navision	Navision	Navision	Syntigrate	Syntigrate
HR Apps	Excel							PAMS
CRM Apps	Excel							Microsoft Dynamics

“ENVA as a leading provider of waste management and resource recovery solutions has built capabilities and deep expertise through consolidation and acquisition of businesses. Every acquired business had its own processes and infrastructure for business performance management. It became a daunting task to track the business performance at a group level, we were spending weeks consolidating the performance metrics every month, it was also proving very costly to us due to the multiple technology platforms and legacy manual processes.”
— Ian Featherstone, CIO, ENVA Group

The Transformation journey: Automate, Cloudify, Transform

With the aim to make our client's Data Warehouse and BI ecosystem agile, we proposed to consolidate and re-architect the entire data landscape leveraging Microsoft's Azure cloud. This transformation was carried out by automating the entire consolidation process for all the analytics needs. The whole transformation journey began with the data discovery process to consolidate and identify the reporting elements across all business entities by performing a thorough complexity analysis of the ETL, Database and BI reports. This complexity analysis was carried out using our amaze® for Data & AI platform that automated processes like data quality assessment and scoring, data lineage and duplicate reports identification which eased source to target mapping.

Post data discovery, Amaze® performed a deep drill-down analysis for building a central Data Warehouse leveraging Azure Synapse, ADF & Power BI on Azure cloud to capture all the data spread across various business units for incorporating on-demand scalability, elasticity and high availability. To eliminate data latency, data marts were developed for each of the business units that included Finance, Sales, Operations, Logistics, CRM and HR. Finally, to add self-service visualization capabilities, all the reports were developed in Power BI empowering business users to track their KPIs without any dependency on the IT Teams.

Accruing rewards with Amaze® for Data & AI solution built on Microsoft Technologies

Through our solution, we were able to deliver significant business benefits to our client:

- Amaze® for Data & AI automated the entire cloud transformation and data warehouse consolidation process saving time and efforts by over 60%
- The total cost of ownership (TCO) was reduced massively by over 50% due to the following factors:
 - Centralized data warehouses on Azure cloud reduced their enterprise server costs significantly that were incurred by each of the acquired units individually. Cloud-based solutions provided the flexibility to pay based on the consumption of resources
 - Consolidating all the reports on Power BI saved multiple license costs incurred for Business Intelligence



- ENVA experienced a seamless process to add the data and reports of any newly acquired organization in this consolidated structure

"We involved Hexaware to assess the existing data infrastructure across our business units and they recommended a Unified Data Platform. Hexaware defined a modern data architecture based on the Azure platform and delivered integrated data insights utilizing the Power BI visualization platform. They automated the complex transformation process and significantly saved time and effort by applying their cloud modernization platform amaze® for Data & AI. The new ecosystem reduced our Total Cost of Ownership by over 50%. The data platform that we are now running delivers a single view of our customers and enables us to leverage the synergies across both operational and commercial aspects of our businesses."

— Ian Featherstone, CIO, ENVA Group

The Way Forward

The solution designed by Hexaware is applicable in all mergers and acquisition scenarios across all industrial domains as there is a need to consolidate the entire BI process. Other potential use cases of this solution include data quality assessment, data warehouse development on cloud, reporting on cloud and data governance on cloud.



About Hexaware

Hexaware is the fastest growing next-generation provider of IT, BPO and Consulting services. Our focus lies on taking a leadership position in helping our clients attain customer intimacy as their competitive advantage. Our digital offerings have helped our clients achieve operational excellence and customer delight. We are now on a journey of metamorphosing the experiences of our customer's customers by leveraging our industry-leading delivery and execution model, built around the strategy— Automate Everything®, Cloudify Everything®, Transform Customer Experiences®. Hexaware services customers in over two dozen languages, from every major time zone and every major regulatory zone. Our goal is to be the first IT services company in the world to have a 50% digital workforce.

Learn more about Hexaware at <http://www.hexaware.com>

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Safe Harbor Statement

Certain statements in this press release concerning our future growth prospects are forward-looking statements, which involve a number of risks, and uncertainties that could cause actual results to differ materially from those in such forward-looking statements. The risks and uncertainties relating to these statements include, but are not limited to, risks and uncertainties regarding fluctuations in earnings, our ability to manage growth, intense competition in IT services including those factors which may affect our cost advantage, wage increases in India, our ability to attract and retain highly skilled professionals, time and cost overruns on fixed-price, fixed-time frame contracts, client concentration, restrictions on immigration, our ability to manage our international operations, reduced demand for technology in our key focus areas, disruptions in telecommunication networks, our ability to successfully complete and integrate potential acquisitions, liability for damages on our service contracts, the success of the companies in which Hexaware has made strategic investments, withdrawal of governmental fiscal incentives, political instability, legal restrictions on raising capital or acquiring companies outside India, and unauthorized use of our intellectual property and general economic conditions affecting our industry.