SeaPark helps Nikon streamline BW footprint by 20% ahead of SAP S/4HANA adoption

About Nikon

Nikon is known for its expertise in optics and imaging products. Its imaging technology has advanced function and performance in camera production. In healthcare, it is a leader in optical instrumentation, contributing to fields ranging from bioscience research to industrial sectors. The Precision Business Unit specialises in the development and manufacturing of semiconductor lithography equipment used to manufacture semiconductors essential to the development of modern electronics.

Nikon Europe BV is the European HQ of Nikon Corporation and has its main focus on supporting the Sales, Service and Marketing activities for the European region.

The Challenge

Migrating existing business-critical structures and data from a legacy business warehouse (BW) to a next-gen platform is complex and usually requires the services of skilled resources to clean up unused BW objects. BW environments typically generate an immense amount of artefacts that, over time, clutter up a company's IT landscape and lead to user frustration.

Nikon Europe BV was considering the next steps in preparation for its wide-scale SAP S/4HANA transformation. A critical aspect of this was to cleanse the data in its existing BW system and identify objects to be decommissioned for an SAP BW/4 HANA migration. This would help realise both cost and efficiency savings as well as reduce complexity and risk.

To achieve this, the company had already engaged with Magnus Digital, a company that specialises in business analytics helping customers optimise their complex data logistics and structure their data warehouses.

Solution

To support the decommissioning plan for Nikon Europe BV's BW system, Magnus reached out to its specialist technology partner SeaPark Consultancy. SeaPark's proprietary DECOM4 rapid discovery tool uses system-generated reports and BW statistics to provide insight into the condition of all objects within a company's BW system, highlighting BW objects that are either not loaded, have no data or end user executions.

Piet-Jan Van Egdom, Senior Manager of Business Application Services at Nikon Europe BV explains **"Nikon Europe BV was introduced to SeaPark through Magnus who arranged for us to have a demo of** DECOM4. **We quickly discovered how the tool could help optimise our BW clean-up project by assessing our current set-up and extracting key learnings to reduce complexity and cost."** He adds, **"It was evident this tool would greatly support Magnus' work in running the decommissioning project in preparation for our future SAP S/4HANA implementation."**

Working closely with Magnus, SeaPark deployed DECOM4 to carry out optimisation activities at speed to Nikon Europe BV's BW solution. The number of tables required to conduct a complete analysis of the system was dependent on its complexity, size and age. By executing this process, SeaPark identified around 20% of BW objects that were not being used.

SeaPark then deployed its D-TWO tool to discover the objects to be decommissioned. One of the key advantages of using D-TWO is its cost-effectiveness in automatically determining what objects can be removed without manual error. It reduced the identification time from months to under five weeks.

"It's important to delete, clean up or upgrade older BW objects before migrating to a next-gen BW solution such as SAP BW 4/HANA. Using D-TWO is an accurate and cost-effective way of determining which objects no longer serve a purpose in your SAP system, saving a lot of time and resources," highlights Piet-Jan. **"This is a critical process for small to medium-sized BW systems as it decreases your BW footprint and substantially reduces the cost to deploy your BW solution onto the cloud."**

The Nikon team is confident in its decision that the BW objects identified should be deleted and that no mistakes are being made. This move is part of Nikon Europe BV's strategy to reduce its BW footprint and ensure that systems are efficient and aligned with its business objectives, ultimately generating value for the company.

Piet-Jan concludes, **"The number of days it took to do the clean-up project reduced significantly with SeaPark's input. The business case to use them was an easy decision."**

About working with SeaPark

"Working with Magnus for several years, we benefit from a collaborative and mutually trustworthy relationship. When they introduced SeaPark Consultancy and their dedicated BW tools, we were impressed; the level of automation and efficiency that they have delivered has resulted in a more successful and accurate outcome for our BW project."

Piet-Jan Van Egdom, Senior Manager of Business Application Services at Nikon Europe BV.

Benefits

- **Optimisation of BW system:** Streamlining and optimising the system's resources and data makes future development plans more efficient and cost-effective.

- **Cloud-native solutions:** The decommissioning process has freed up resources that can be redirected towards adopting cloud-native solutions such as SAP Analytics Cloud (SAC) and SAP Datasphere. These cloud-native tools provide advanced analytics, data management, and integration capabilities not readily available in a legacy system.

- **20% reduction of BW footprint:** Removing 20% of obsolete BW objects in Nikon Europe BV's legacy system will make transitioning to a new BW solution much easier and more seamless.

- **Cost savings:** Deploying an automated decommissioning tool has generated cost savings and efficiencies, and reduced manual errors, often incurred in cleaning up BW systems.

- **Readiness for SAP S/4HANA transformation:** By cleaning up its BW system, Nikon has sped up the preparation for transitioning to SAP S/4HANA.

- **Automated process:** SeaPark's transformation tools enabled Magnus to automate the core tasks of decommissioning BW objects, empowering Nikon Europe BV to focus on driving the business forward with its digital transformation.

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