

Case for a **Global Audit & Consultancy Company**

ServiceNow CMDB Service Mapping and Change Management Implementation

Infopulse calculated TCO of the client's CMDB applications and helped improve CMDB data quality

Industry: Professional Services Location: USA Employees: 100 000+



Client Background

One of the leading audit and professional services firms that supports clients globally by providing a full range of consulting, risk management, legal, tax, and financial advisory services.

Business Challenge

Our customer obtains a large IT infrastructure with multiple applications, servers, databases located on premise or on Azure and AWS. It was essential to calculate the TCO of all applications in their existing ServiceNow CMDB and automate discovery of available application services.

To successfully implement CMDB Service Mapping and Change Management, our experts had to handle the following technical challenges:

- The existing customer's CMDB relied on manually added, out-of-date, and poor data quality.
- CMDB records were only horizontally discovered without addressing connections and dependencies between objects.
- Each application had unique requirements in terms of encryption, authentication/authorization, etc.

Solution

- Infopulse team implemented ServiceNow Service Mapping to automatically discover all application services based on the specific patterns.
- Calculated TCO of ServiceNow CMDB applications and new project implementation.
- Provided a comprehensive dynamic map of all the customer's devices, applications, and configuration profiles.
- Automated the process of updating CMDB records.
- Enforced Change Management procedures to approve all CMDB changes.
- Built an effective communication channel to contact owners of added CMDB applications and proactively fix any discovered issues.

Technologies



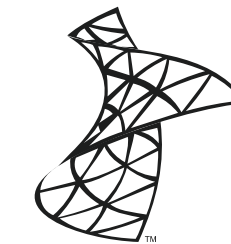
ServiceNow



JavaScript



XML



MS SQL

Business Value

- Enabled a continuous service improvement process of CMDB records.
- Calculated TCO allowed for greater cost savings and smarter purchasing decisions.
- Due to introduced Change Management procedures, all CMDB data is already up-to-date, accurate, structured, and of high-quality.
- The established communication channel simplified troubleshooting of issues.
- With a streamlined CMDB, the customer can now implement Event Management allowing to identify health issues across the datacenter on a single management console.

Team Size

9 FTE

Duration

1 Year



About Infopulse

Infopulse, part of the leading Nordic digital services company Tietoevry, is an international vendor of services in the areas of Software R&D, Application Management, Cloud & IT Operations, and Cybersecurity to SMEs and Fortune 100 companies across the globe. Founded in 1991, the company has a team of over 2,300 professionals and is represented in 7 countries across Europe and the Americas.

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