

# Accenture boosts application discovery with CAST Imaging

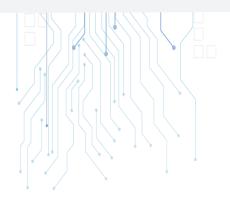
**CASE STUDY** 



### **About the Client**

Accenture (NSE: ACN) is a global professional services company specialized in Information Technology services and consulting. Accenture reported \$50.5 billion revenue in 2021. It serves 7,000 clients throughout 120+countries with 699,000 employees worldwide. Accenture's current clients include 91 of the Fortune Global 100 and more than three-quarters of the Fortune Global 500.

In the context, Accenture is working for an European Financial Services company.

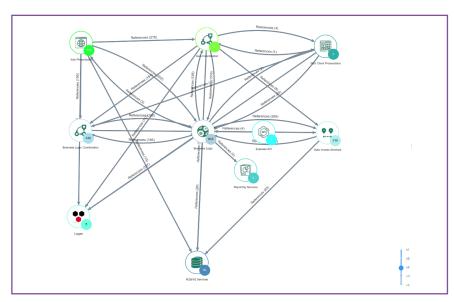


# **Business Challenge**

Accenture was challenged by one of its most strategic clients, a European Financial Services company, to deliver under tight deadlines a modernization plan for 3 complex, business critical applications, custom-built on VB, .NET and SQL Server technologies

#### The Solution

- Accenture built for and rapidly submitted to its client a comprehensive modernization plan comprising of:
  - Architectural, technical, and business function blueprints of the 3 custom-built applications
  - Effort sizing of the modernization plan
  - Identification of all risks related to the modernization plan



Auto-generated blueprint of the services of an application

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We see up to 30% effort reduction in generating the technical documentation and understanding the applications.





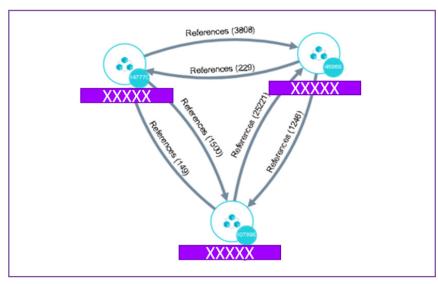
**Reema Gaurav**Application Portfolio Management and Modernization, Accenture

#### **Benefits**

- Thanks to CAST Imaging automated reverse engineering capabilities, Accenture teams didn't have to spend hundreds of hours to browse the 15 million lines of code of the 3 custom-built applications to understand their inner-working and dependencies
- Overall, CAST Imaging enabled Accenture to reduce by 30% its effort to generate all the required technical documentation, and to understand the applications
- The automated blueprinting capabilities of CAST Imaging enabled Accenture to deliver the most comprehensive and detailed modernization plan to his client within the assigned deadline

## How CAST Imaging helped

- Accenture selected CAST Imaging to create in a short timeframe a highly detailed modernization plan for its client.
  - First, Accenture fed all applications' source codes, components, properties, database scripts into CAST Imaging, which automatically and quickly reversed engineered the 3 applications
  - Then, Accenture used CAST Imaging to easily explore and understand the applications' internals, across all layers, services, technologies, frameworks, with all their dependencies
  - The Application to Application Dependency and metrics reporting capabilities of CAST Imaging helped Accenture identify all the applications' coupling points, as well as all components at risk during the modernization, and to create a precise effort sizing for the modernization plan
  - Last, CAST Imaging enabled Accenture to automatically create accurate blueprints (architectural, technical, and business functions) of the
    3 applications. These blueprints made it easy for Accenture expose to its client the as-is and to-be states, and efficiently illustrate their proposed modernization plan



Dependencies between 3M, 5M, and 7M applications in VB and .NET

## **About CAST**

CAST is the software intelligence category leader. CAST technology can see inside custom applications with MRI-like precision, automatically generating intelligence about their inner workings - composition, architecture, transaction flows, cloud readiness, structural flaws, legal and security risks. It's becoming essential for faster modernization for cloud, raising the speed and efficiency of Software Engineering, better open source risk control, and accurate technical due diligence. CAST operates globally with offices in North America, Europe, India, China. For more information, visit castsoftware.com.

