Case Study

Major Metropolitan Transportation Agency

Challenge

As the agency responsible for a major city's transportation infrastructure -- which includes streets, highways, tunnels, bridges and waterways -- this client required a Configuration Management® environment that could handle its critical mission, especially during a time when security is paramount. Though it used Microsoft Visual SourceSafe (VSS), the agency felt its Configuration Management needs had grown beyond the scope of this tool. While supporting the basic need for source code control, the scale of their efforts required additional process and issue-tracking functionalities that VSS simply was not designed to support.

Solution

CMI assessed the client's software development organization and determined that the IBM Rational suite of tools would be best suited to the scale and complexity of their needs. Moving 26 projects out of VSS, CMI implemented a combined ClearCase/ClearQuest environment to cover a broader scope of the Configuration Management/Issue Tracking process. ClearCase was configured to work with the many different Integrated Development Environments (IDEs) in use throughout the agency, including WSAD, Visual Studio and PowerBuilder. Throughout the engagement, CMI provided coaching to client staff on questions of process, tool usage and industry best-practices.

Key Customer Benefits

- 26 projects moved onto a more stable and efficient platform
- IBM Rational ClearCase provides higher levels of security for critical software development projects
- Configuration Management and Issue Tracking more closely aligned

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