CASE STUDY
ENSURING PROTECTION OF DATA IN KEY APPLICATIONS
Through An Upgraded Security System

OPTIMIZE & EXECUTE

THE BUSINESS CHALLENGE

One of the leading corporations in the beverage industry **needed to upgrade the security of a key software application**.

This application was used by management and by a large number of external clients. It allowed access to, and the manipulation of, sensitive product usage data, including volume, contract terms, shelf positioning and other key measurements. The existing security system for the software application was inadequate, in that it allowed bad data and authorization inaccuracies. **Due to the sensitive nature of the competitive data managed by the system, airtight security was necessary.**

AGSI was chosen by the corporation's senior management to evaluate the current system and processes and design a new system to accommodate their security needs.

AGSI'S HIGH-LEVERAGE SOLUTION

AGSI evaluated both the sensitive data being accessed and the various requirements of the multiple users inside and outside the corporation. This analysis revealed that the system had grown in a haphazard fashion as business expanded; it was not always stable from the customer's perspective.

Accordingly, before any security upgrade was possible, AGSI had to **debug, troubleshoot and fix a number of nagging problems**.

After the system was stabilized, AGSI used its **modular/object-oriented development methodology** to design a new system based on the various needs of the multiple users, while **incorporating stringent security requirements**. By frequently sharing its design with the management team throughout development, AGSI ensured that the end product would not only meet the immediate needs, but also incorporate potential needs.

VALUE TO THE ENTERPRISE

This careful, solution-driven approach allowed sufficient time for the corporation's management to identify needs and for AGSI to meet those needs as the project progressed. One example was the **ability to accommodate additional requirements, including a module allowing users to develop authorization profiles**.

IN BRIEF

CLIENT:
Beverage Company

ENGAGEMENT:
Security Remediation and Application Upgrade

CHALLENGE:
Remediate a troubled software application that housed sensitive competitive information, enhancing security

OUTCOME:
Security system was first stabilized; dramatically strengthened new system was then designed and implemented to accommodate both current and future needs

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AGSI

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STRATEGY • GOVERNANCE • EXECUTION