ACQUIRED DATA SOLUTIONS

ENGINEERING YOUR VISION IN THE CYBER AGE

ADS Develops a Cybersecurity Solution that Reduced Cost of Service by 80%; Increases Value-Add to End-Client

OVERVIEW

ADS was hired by a technology company to assess the cyber risk exposures of a test and measurement system. By optimizing the process using KDM Analytics, Blade RiskManager (BRM), reduced ADS's cost of service by 80% and led to a decrease in required system development man hours by 80%, while increasing the robustness and scope the assessment.

THE CHALLENGE

The client required an assessment of its system's cyber risk within three key areas of the NIST Risk Management Framework (RMF) standard. These were:

- NIST 800-53 REV4 - Information Technology (IT) cybersecurity.

- NIST 800-82-REV2 - Operational Technology (OT) cybersecurity.

- NIST 800-30 REV1 - Risk Assessment Guidance.

THE SOLUTION

ADS used the KDM Analytics, Blade RiskManager Tool to automate the process to assess cyber risks for the clients test and measurement systems. The tool helped accomplish the goals for the assessment that included:

- ✓ Align client's initiatives with the NIST Risk Management Framework.

- ✓ Organize cybersecurity activities within the organization.

- ✓ Create a cybersecurity plan for the industrial control system and evaluate its cybersecurity posture.

- ✓ Prioritize and focus which security controls should be implemented.
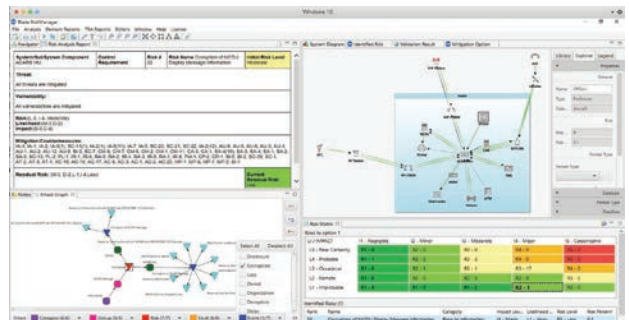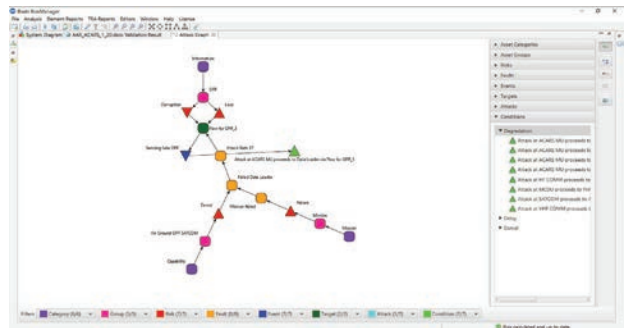
CONCLUSIONS

ADS reduced the client's cyber-risk assessment resource requirements from five people and 2,000 man hours to one person and 390 man hours.

- ✓ **Productivity:** the ability to focus on analysis and insight rather than investigation and research. **ROI: 80% decrease in cost of service.**

- ✓ **Optimization:** the ability to augment mitigation models with faster recalculation of risks. **ROI: 80% decrease in person-hours.**

- ✓ **Coverage:** BRM's extensive knowledge base of current vulnerabilities, threats and attack patterns increased the scope and robustness of the assessment ADS delivered to the client. **ROI: greater client value with minimal effort.**

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