System Assurance.

• Best Practice approach.

• Align to US and International intents and goals.

• Focus on Software SA but needs to include all aspects.

• Incorporate Safety, Security and Mission aspects.

• Cover the full life-cycle of Defence assets.

• 2+ Years Consultancy.

RPDE – TASK 24 – SYSTEM ASSURANCE

In May 2008, RPDE was asked by Defence to investigate how Defence could be confident that systems being acquired were safe, secure and predicable in operation (and would remain so). These characteristics are collectively called System Assurance (SA).

Whilst Defence does perform some aspects of SA, the overall process was fragmented and not defined by policy and process. The RPDE Task was to identify and proposed a SA capability to address policy and implementation issues and to advise on ongoing management.

BSTTECH INVOLVEMENT.

BSTTech provided the Task Leader and implementation management for this task through all stages of the RPDE Task process. The Team Lead:

➢ Managed the overall task including a development budget of ~ $3M;
➢ Developed draft System Assurance Policy for Defence;
➢ Created a Proof of Concept management system for SA;
➢ Developed a Concept of Operations for Defence; and

BSTTech also carried out a trial of the solution on an existing Defence project, highlighting several deficiencies and shortfalls in the project not identified previously.
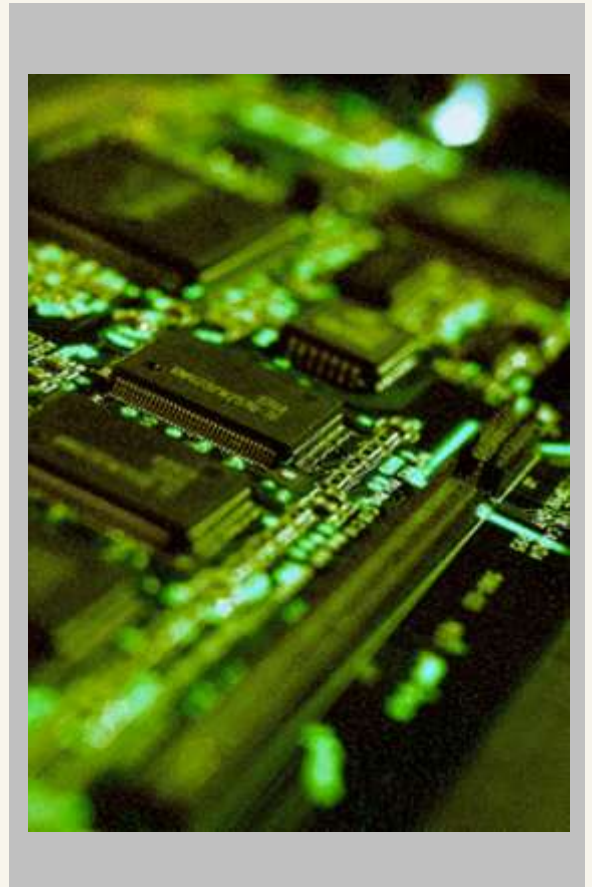
SYSTEM ASSURANCE

ABOUT BSTTECH CONSULTING.

BSTTech Consulting Pty Ltd (BSTTech) is a consulting company that specialises in Trusted Information Sharing solutions built on industry-leading technology and practices. BSTTech provides consulting and implementation services for:

➢ Information and Systems Security;
➢ Identity Management Systems;
➢ Systems Design;
➢ Communications Systems;
➢ Capability Maturity Assessments and Roadmap development; and
➢ Documentation.

BSTTech consultants are experienced IT professionals with more than 15 years in secure computing and computing design mostly within Defence. As a Defence Industrial Security Program (DISP) member, BSTTech consultants hold security clearances ranging from SECRET to TOP SECRET (PV). BSTTech is able to provide vendor neutral advice on business systems design, systems architectures, computing systems, storage, information management and communications with a focus on trusted information sharing.

SECURITY

CONSULTING

ASSESSMENT

POLICY

Delivering Secure Information Management and Sharing solutions to Government and Defence.

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