

Security Vulnerability & Risk Assessments

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The Process

SECURITY SURVEY

IDENTIFY ASSETS TO BE PROTECTED

LOSS EVENT PROFILE

IDENTIFY LOSS EVENTS THAT COULD POTENTIALLY OCCUR

LOSS EVENT PROBABILITY

DETERMINE THE LIKELIHOOD THAT EACH LOSS EVENT IDENTIFIED ABOVE MAY OCCUR



The Process



ESTABLISH THE IMPACT ON THE ORGANIZATION OF EACH OF THE LOSS EVENTS DETAILED ABOVE

PRIORITIZE THE LOSS EVENTS FOR COUNTERMEASURES

THIS RESULTS FROM A PROBABILITY-CRITICALITY MATRIX

DETAIL THE RECOMMENDED COUNTERMEASURES



Implementation Process

BUDGET PLANNING/FORECASTING

BASED ON PRIORITIES

DESIGN PROCESS

DEVELOPMENT OF DOCUMENTATION FOR PROCUREMENT

IMPLEMENTATION

CONTRACTING SERVICES OR SYSTEMS



Completion of the Process

- Revisit the Security Vulnerability and Risk Profiles
 - Did the risk probabilities reduce?
 - Did the risk criticalities reduce?