


Enhancing Information Security Management through Organisational Learning



THE UNIVERSITY OF
MELBOURNE

Research Question

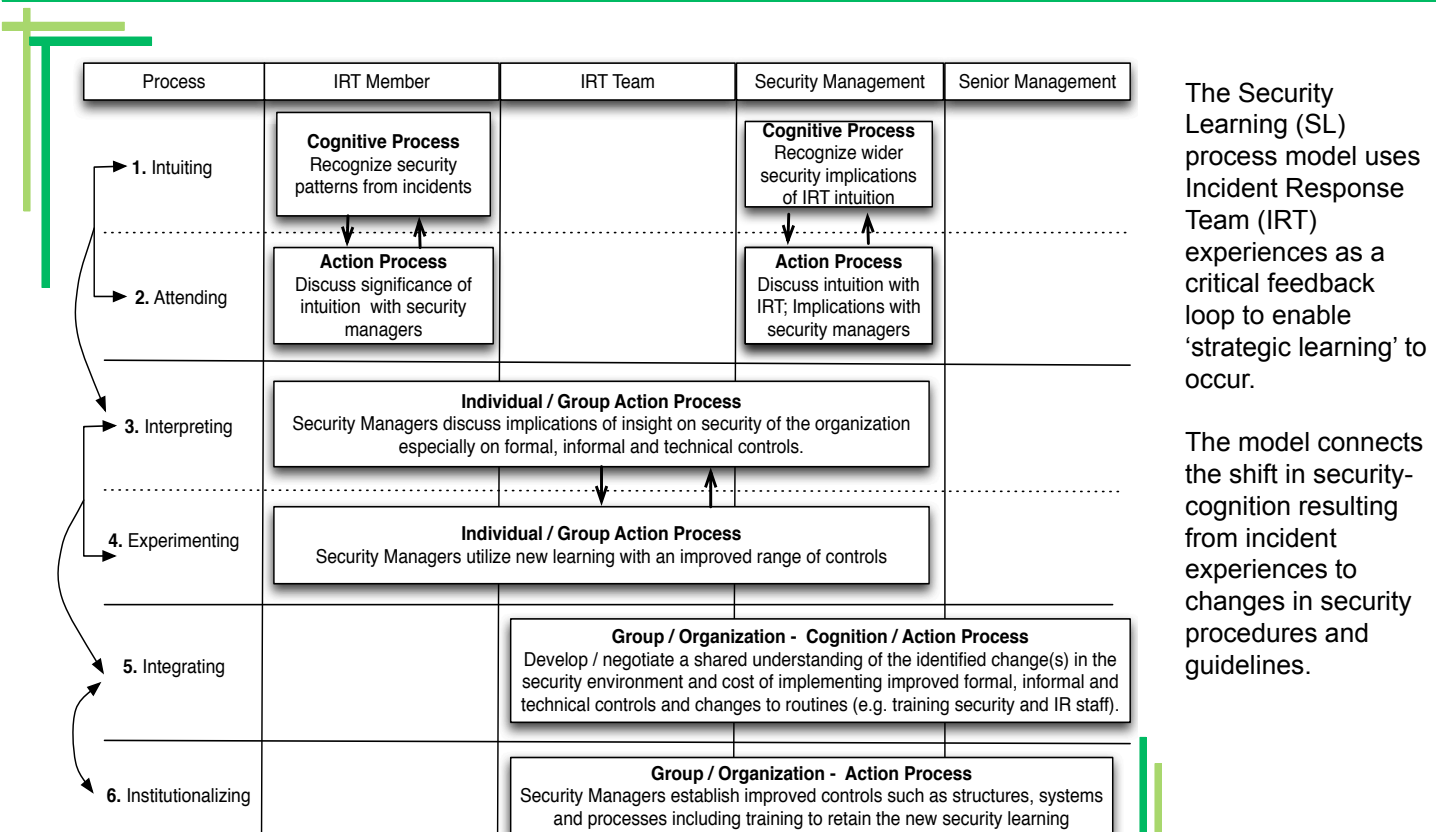
 *How can organisations effectively learn from security incidents to improve security processes?*

Motivation

Our literature highlights two key issues:

1. Australian organisations spend the second most on investigating information breaches (\$1.2 million each).
2. Australian organisations tend not to learn from past security incidents

Research Model



Research Approach

- ✓ Three Action Research cycles
- ✓ Each cycle applies the SL process model and analyses and changes learning processes using process interventions
- ✓ External validity is enhanced by selecting organisations with mature incident response and security management practices

Implications

- Organisations will have clear guidance on how to investigate, report, learn and implement lessons from previous incidents into security management processes
- Organisational security strategies will adapt to the particular threat environment

Research Team



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