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## A Process Oriented Approach to Functional Test Automation

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## Agenda

- Test Automation Process
- Case Study

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**Sierra Atlantic. A Process ...**

“The life is the sum result of all the choices you make, both consciously and unconsciously. If you can control the process of choosing, all aspects of your life would be under control.”

“A particular course of action intended to achieve a result”

“Process is a set of interdependent tasks transforming input elements into products. It also provides a disciplined approach to assigning tasks and responsibilities with in a team.”

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**Sierra Atlantic. Process for Test Automation**

**Planning**

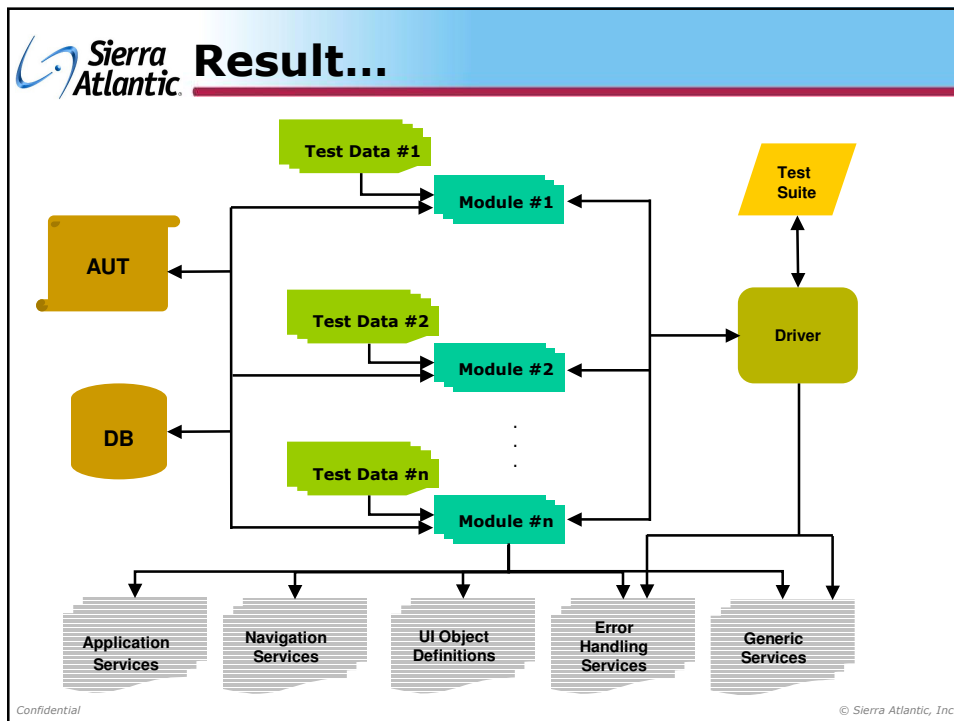
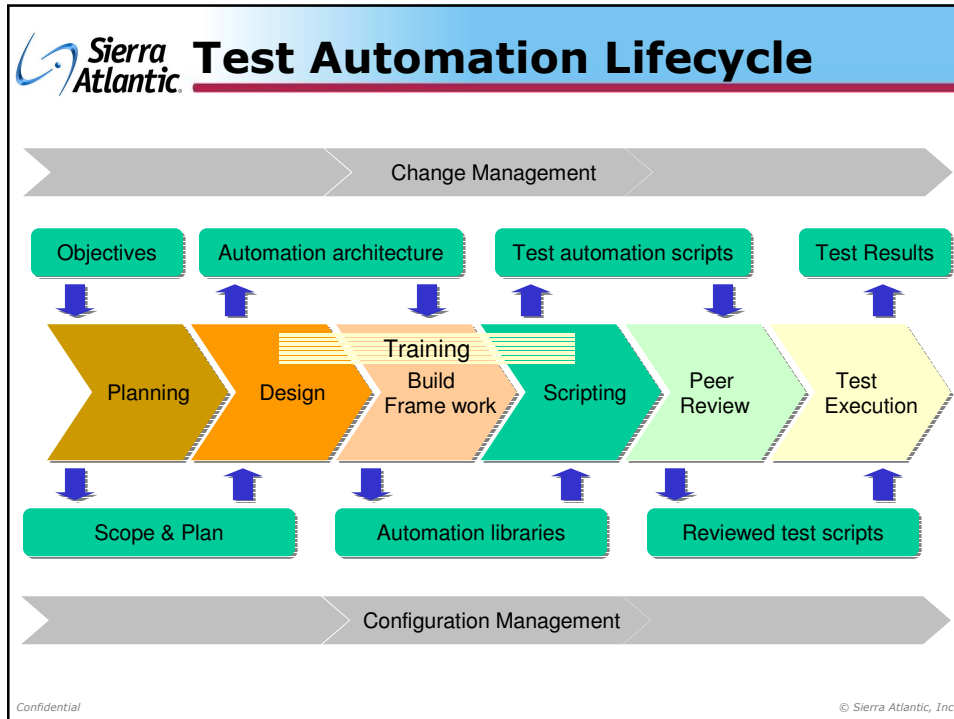
**Design**


**Construction**

**Maintenance**

- ✓ Configuration Management
- ✓ Change Management
  - × Framework
  - × Test Suite
  - × Automation Libraries
- ✓ Metrics for
  - × Efficiency
  - × ROI


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 **Returns...**

- Automated 80% of test cases
- Team size reduced to one fourth
- Test cycle time reduced by 50%
- Same framework has been applied to other applications with minor changes

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**QA**

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