

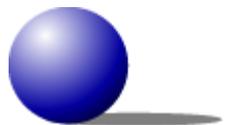
How to Become Irrelevant in 3 Easy Steps

Presented by

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Performance Expert

Go ahead...choose a number!



Testing Errors

Did you know ... ?



83% of Software Developers are Gamblers

Can you guess the #1 reason?

They find the task too tedious!



How to Become Irrelevant in 3 Easy Steps

#1

**Ignore changes going on around you
and keep living in your ivory tower.
(RISK)**



#2

**Take note of the changes occurring
and hope they won't affect your
business. (RISK)**



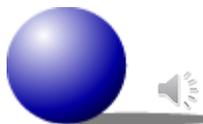
#3

**Make plans to address change, then
don't carry them out. (RISK)**



Change is an Emotional Experience

1. You can't control what happens but you can control **how you deal with it.**
2. Change results in **loss of status quo.**
3. Change is an **opportunity** to get in a better position.



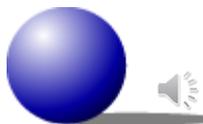
Power Principle *Be Open to Change*



**Success-oriented
companies (people)
are open to change.**

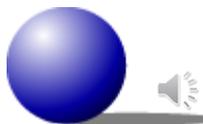
Virtualization - Types

1. NonStop Server
2. Desktop
3. Storage
4. Human



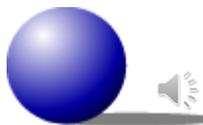
Software Testing Changing Too!

- ❑ More automation
- ❑ More virtual simulation
- ❑ More testing



Who are Ascertain?

- ❑ Founded in 1992, testing products the single corporate focus
- ❑ Privately held Partnership
- ❑ HQ is in Sausalito, also offices in London & Sydney
- ❑ Partnerships with HPE, IBM, Cashware, Barnes International, Odyssey, TIC
- ❑ Provides products, support, and consultancy



Major Clients in all Sectors

Retail

Petro/Chemical

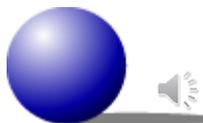
Healthcare

Telco

Financial Services

Banking

Miscellaneous



VersaTest Automation Server

VersaTest Automation Server (VT/AS) provides:

- ❑ Fine-grained test definitions to individual message level
 - Ensure **'Failed'** status can drill down to specific test case
- ❑ Very high level of automation once tests defined
 - Automated generation & validation of messages
 - Simple language for generation and validation rules
 - Automatic setting of **'Passed'** / **'Failed'** status
- ❑ Automated result capture
 - Test output logs
 - Capture files including automatically generated reports
 - All stored automatically as Attachments to the Run



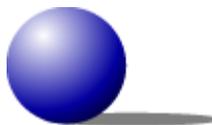
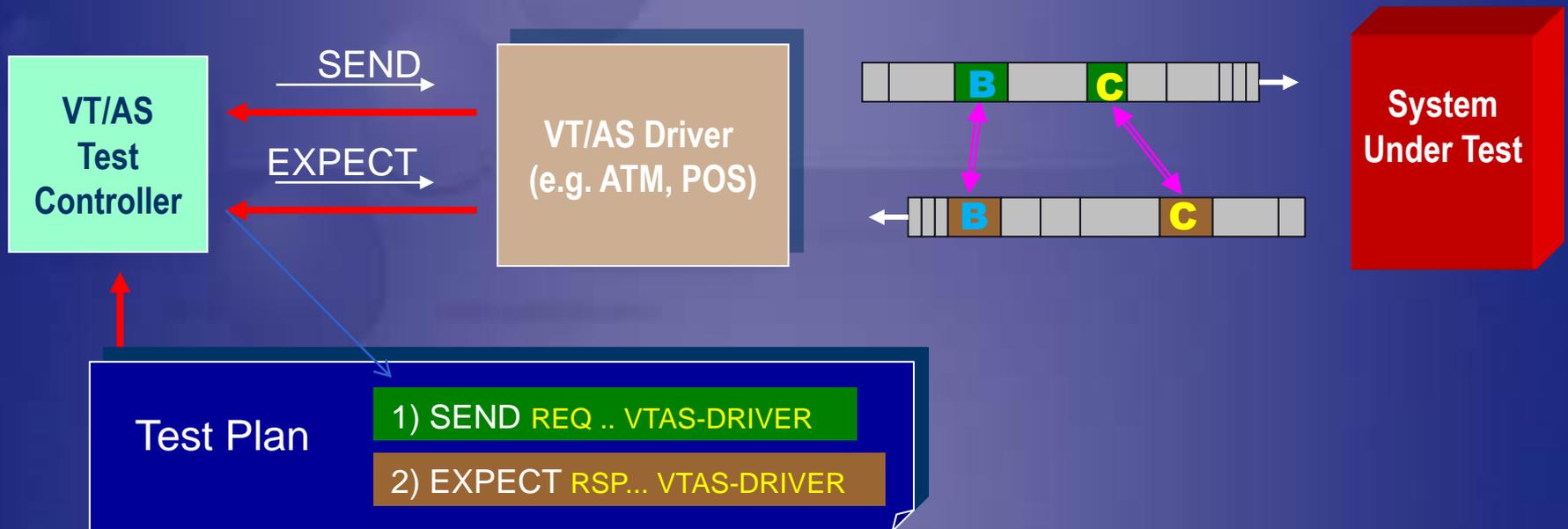
Transaction Generator Mode

VT/AS Test Controller

- 1) Reads the test cases
- 2) Sends execution instructions to defined driver

VT/AS Driver

- 1) Builds and sends the defined message
- 2) Receives and validates the defined message



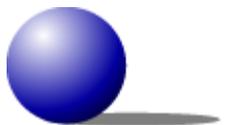
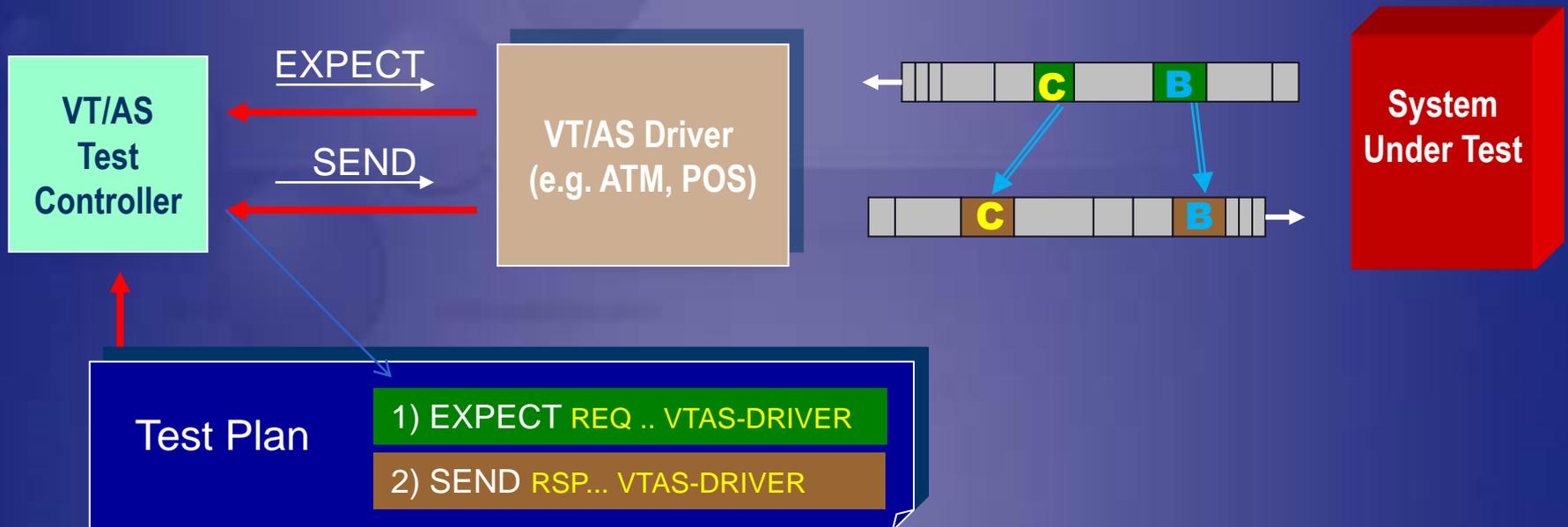
Transaction Responder Mode

VT/AS Test Controller

- 1) Reads the test cases
- 2) Sends execution instructions to defined driver

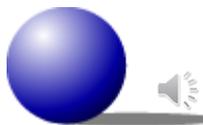
VT/AS Driver

- 1) Receives and validates the defined message
- 2) Builds and sends the defined response



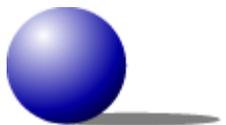
Real Use Benefits - VTAS

- ❑ Increased tests from 400 to 2000
- ❑ Testing completed faster
- ❑ Certification time reduction – 6 weeks to 4 days
- ❑ Regression testing - 30,000 test cases 3x daily
- ❑ Ability to accurately test TPS levels - 9000 TPS
- ❑ Significant savings in personnel costs - up to 50%!



VTERM Green Screen Testing

- A set of integrated components that extend and enhance the facilities of the base VersaTest product
 - ✓ Processes 6530 or 3270 terminal data streams to build a 'virtual' terminal image
 - ✓ Provides screen reporting and script generation capabilities
 - ✓ Provides on-line and off-line test comparison programs
 - ✓ Browser-based user interface
 - ✓ Access anywhere/anytime



Real Use Benefits - VTERM

- ❑ Industry Agnostic - Any industry that uses Green Screen Applications can benefit (e.g., financial services, aerospace, commercial and residential building).
- ❑ App Flexibility – Any application that contains multiple screens and is tested regularly (or should be) can benefit from test automation (e.g., inventory, ordering, warehouse management, stock trading).
- ❑ Atypical 20 - screen test automation that would manually take 5 hours to complete could be finished in seconds



Relate Family of Products

Dynamically reads record definitions in DDL dictionaries or COBOL copybooks to perform field-level operations on Enscribe files.

❑ Relate and Relate+

- ✓ Enable the creation, viewing, updating, deletion, and sophisticated comparison of records using an SQLCI-like syntax from within a command-line interface program.

❑ Relate Production

- ✓ Production read-only version, no unauthorized file changes

❑ Relate EnSQL

- ✓ Enables the creation, viewing, updating, deletion, and query-oriented comparison using industry-standard SQL syntax.



Relate EnSQL – SQL Access To Enscribe Data



Ascertified (The Cloud)

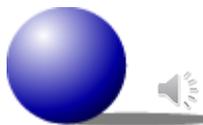
Adds to VT/AS core features to provide:

- ❑ The ability to scale the environment as necessary to meet testing requirements, including the ability to distribute it across multiple physical devices
- ❑ Centralized coordination of multiple test environments
 - ❑ Individual 'user' environments
 - ❑ 'Sandbox' pre-certification, certification
- ❑ Testing with external processing partners
- ❑ Automated collection and reporting of test-case execution statistics



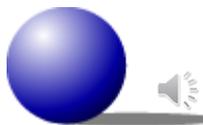
Benefits to Virtualized Testing

- ❑ Testing environment is always available
- ❑ Each end user works in their own environment
- ❑ End users run test transactions often and anytime
- ❑ Instant feedback on any message errors
- ❑ Certifying entity personnel are not involved in validation



3 Steps to become Relevant Again

1. Adopt an attitude and company policy that change presents opportunities ... **embrace it!**
2. Be proactive when a major change happens ... don't be changed ... **be the change.**
3. **Contact** a Performance Expert for a complimentary QA or Dev testing Performance Analysis



Scan for Fun & Info

