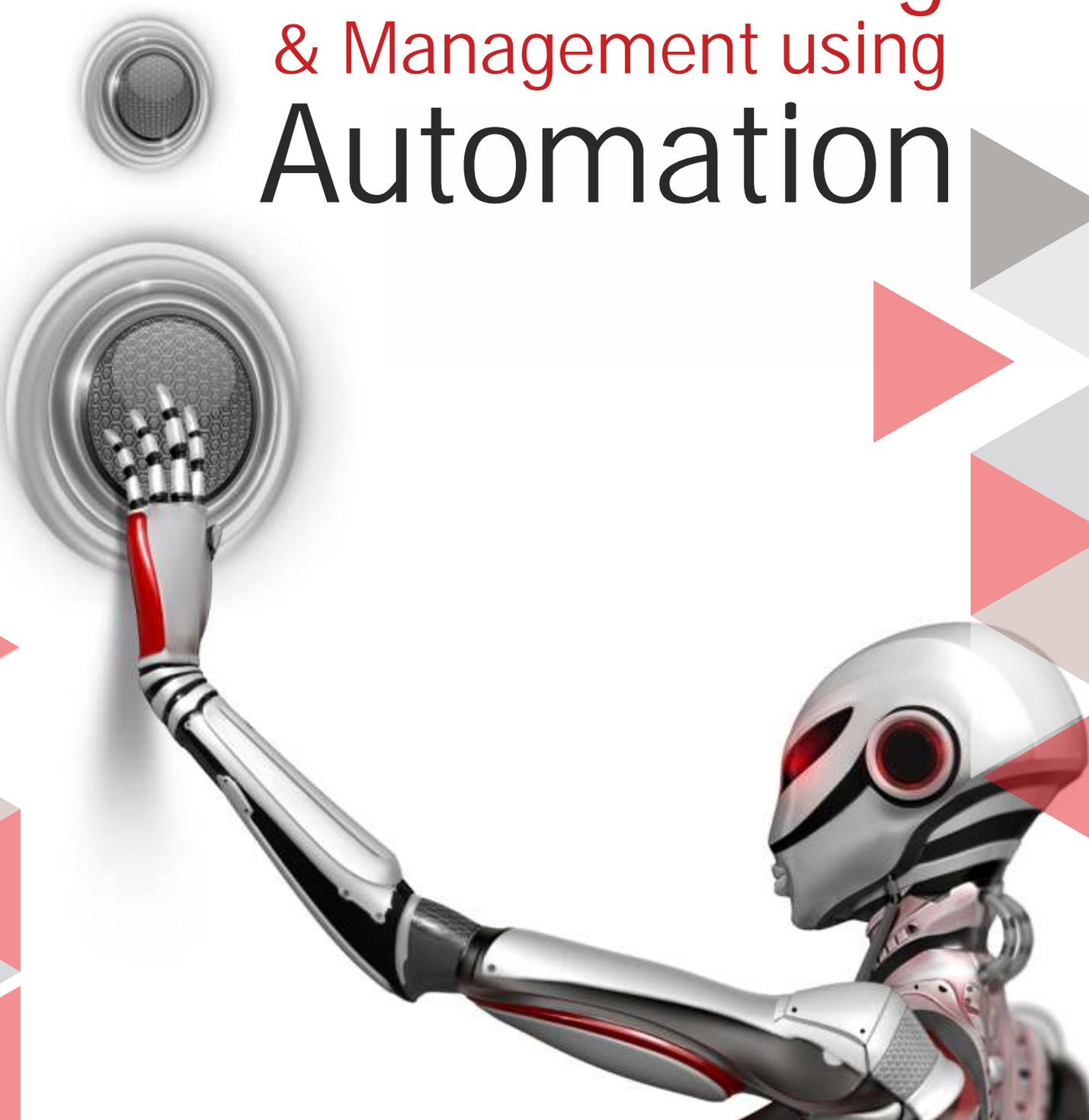**ALTEN CALSOFTLABS**
AN ALTEN GROUP COMPANY

Defect Tracking
& Management using
Automation

CUSTOMER

A leading university in the US

CHALLENGES

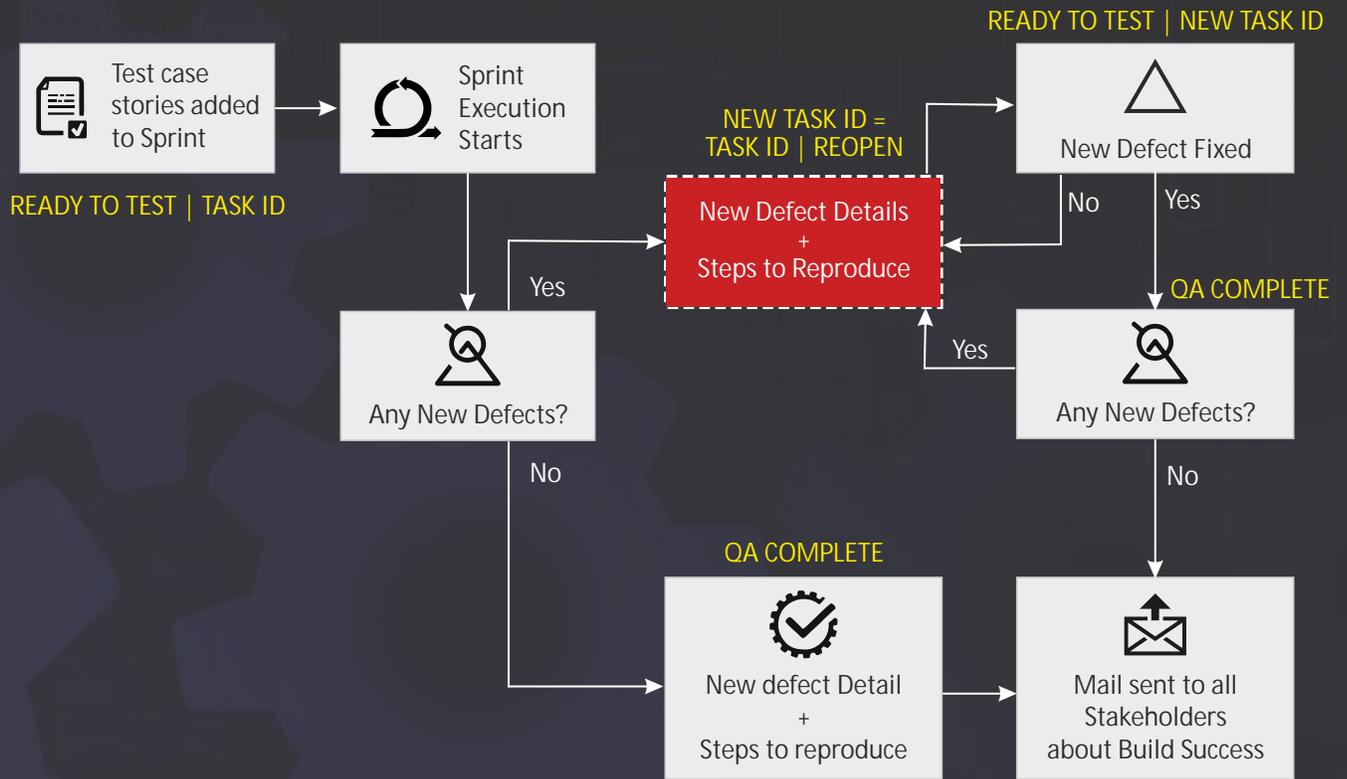Establish a project wide standard defect tracking & management process

BUSINESS BENEFITS

➤ This custom workflows built within VersionOne helped in tracking and publishing the defects, defect status and project health – anytime, anywhere with all project stake holders

➤ The defects are tracked for each test case story and the sprint.

➤ Effective, seamless Build & Release Management

➤ Real time visibility into bug/defect discovery, progress/status

➤ 100% transparency about the project health enabled project teams and customers to manage any foreseeable risks and arrive at mitigation plan

PROCESS AUTOMATION HIGHLIGHTS

➤ Test cases are added as stories against the active sprint

➤ Sprint stories are marked as '*Ready To Test*' after code review

➤ QA team starts test execution

➤ If any defect found, the QA team logs it as a new defect/task with a new task ID (along with proper steps to reproduce)

➤ The new task ID is linked to the original test case story ID for traceability

➤ If the new defect is fixed, then the story status is changed to '*Ready to Test*' and then QA verifies and marks it as '*QA Complete*'.

➤ Mail sent to all stakeholders about the status of the defect.

➤ If the defect is still reproducible, additional comments are added by QA and the status is changed from '*Ready To Test*' to '*Re-Open*'.

➤ If more "Priority 1" defects persist, then QA asks for a code rollback and request for new build

SOLUTION BLOCK DIAGRAM

Test case stories added to Sprint

READY TO TEST | TASK ID

Sprint Execution Starts

Any New Defects?

Yes

No

NEW TASK ID = TASK ID | REOPEN

New Defect Details + Steps to Reproduce

READY TO TEST | NEW TASK ID

New Defect Fixed

No

Yes

QA COMPLETE

Any New Defects?

Yes

No

QA COMPLETE

New defect Detail + Steps to reproduce

Mail sent to all Stakeholders about Build Success

ABOUT ALTEN CALSOFTLABS

ALTEN Calsoft Labs is a next gen digital transformation, enterprise IT and product engineering services provider. The company enables clients Innovate, Integrate, and Transform their business by leveraging disruptive technologies like mobility, big data analytics, cloud, IoT, DevOps, RPA software-defined networking (SDN/NFV). ALTEN Calsoft Labs provides concept to market offerings for industry verticals like education, healthcare, networking & telecom, hi- tech, ISV and retail. Headquartered in Bangalore, India, the company has offices in US, Europe and Singapore. ALTEN Calsoft Labs is a part of ALTEN group, a leader in technology consulting and engineering services.

business@altencalsoftlabs.com | www.altencalsoftlabs.com