Test Planning & Execution

SUMMARY

Internal teams often struggle to perform and extract full value from testing activities — like tabletop exercises, adversary emulation, and purple teaming — due to collaboration barriers, siloed processes and tools, and inconsistent processes and expectations. New issues may be introduced into the system at any time, and most teams lack efficient, consistent test plans and procedures to implement regression-style testing in their security program.

PlexTrac takes the pain out of internal testing and allows you to scale testing efforts with existing resources. PlexTrac Runbooks provides industry-approved standard templates that support versioning for the latest release of MITRE / Atomic Red procedures. All team members have visibility and can collaborate in real time when executing testing and then ticket and track findings in PlexTrac or using Jira or ServiceNow integrations. Develop a methodical and continuous approach to internal testing, according to industry standards, then automate the reporting to attest to stakeholders and compare progress over time.

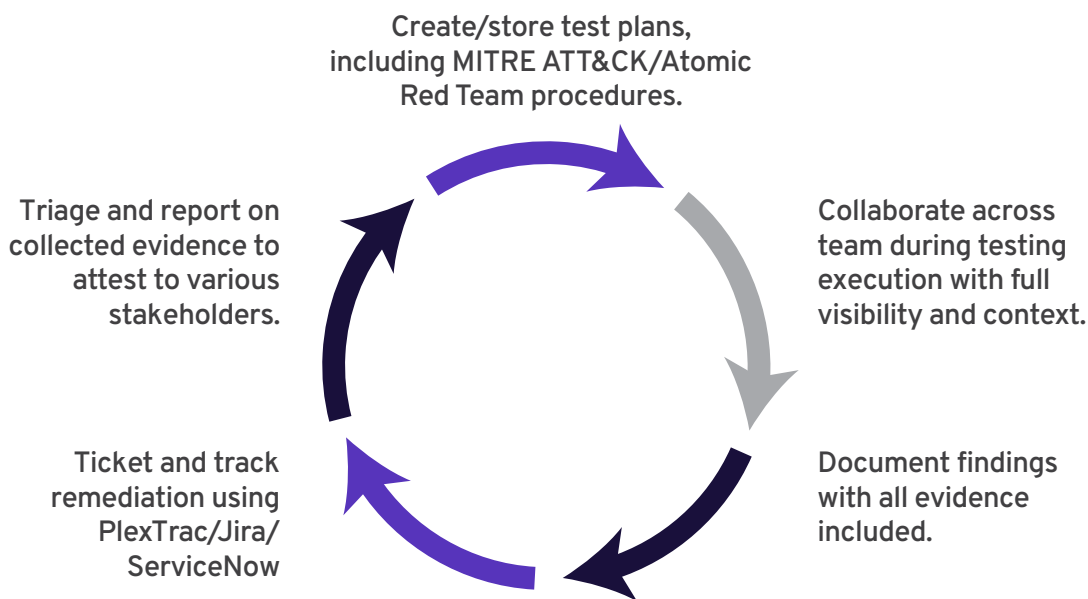| PROBLEM	SOLUTION
Collaboration on internal testing efforts is challenging and ineffectual because teams lack a centralized location to plan and track exercises.	PlexTrac provides a one-stop shop for teams to collaborate on testing exercises, breaking down silos and connecting systems. PlexTrac gives both red and blue teams a true side-by-side view of test plans and results and the means to track remediation in the platform or via integrations with Jira/ServiceNow.
Internal testing can be very manual and inconsistent because test plans, objectives, and processes aren't centralized across teams and individuals.	PlexTrac ensures full, consistent coverage in your testing efforts every time so no step is ever missed. PlexTrac enables the standardization and storing of test plans and scripts and industry-standard templates that support versioning for the latest release of MITRE/Atomic Red Team procedures.
Communication between teams taking place over email or Slack is difficult to track and can easily get lost.	PlexTrac supports cross-team collaboration and communication directly in the platform — providing full context and driving efficiency. Workflow notifications help automate communication between team members.
Ensuring new issues are not introduced into the system when updates are made requires constant testing. Continuous regression testing is difficult to implement.	PlexTrac enables regression testing in the security environment by providing a place to create, store, and track execution and remediation on test plans. Run key scripts regularly to confirm no new issues have been introduced as systems change.

PROBLEM	SOLUTION
Scaling internal testing efforts is difficult with limited resources, and training less-experienced or new team members takes a lot of time from senior team members.	With PlexTrac every team member — even the less experienced — can create and/or execute on fully scripted test plans, allowing your teams to run more effective exercises more often with your existing capacity.

Manage Your Internal Security Testing in PlexTrac
Plan, Execute, Report, and Track in One Centralized Platform

Create/store test plans, including MITRE ATT&CK/Atomic Red Team procedures.

Collaborate across team during testing execution with full visibility and context.

Triage and report on collected evidence to attest to various stakeholders.

Document findings with all evidence included.

Ticket and track remediation using PlexTrac/Jira/ServiceNow

❝ We are excited about the newest updates to Runbooks. We've been actively using the latest version and have really positive feedback from the testers. They report that using Runbooks helps keep their assessment activities in line and ensures they are accounting for industry standards like OWASP.❞

Early Warning®

❝ A lot of orgs feel purple teaming is just a 'nice to have' … until they have gone through it. Continuous vulnerability monitoring and real time collaboration is becoming more important. PlexTrac's Runbooks helps us run those engagements.❞

Learn More

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