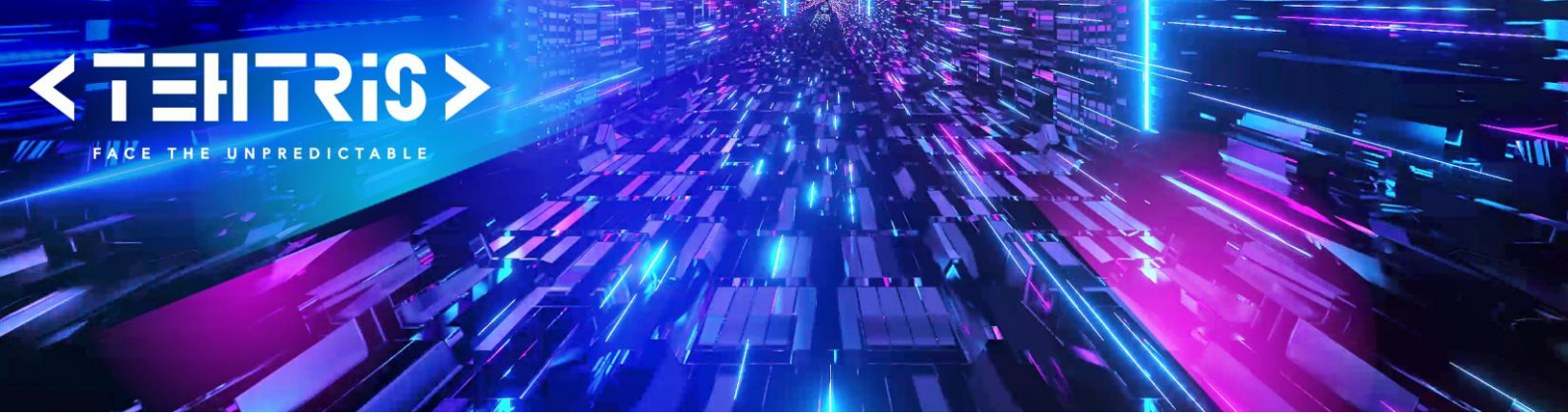

L3 LIMITED

TEHTRIS Safe Deployment Practices (SDP)

Engineering

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Version history

Version	Description of Amendment	Approved By	Effective Date
1.0	Initial Version	L. Oudot (CTO)	21/03/25
1.1	Small updates	Q. Jury (Technical Leader)	11/03/26

Introduction

Scope

This document outlines TEHTRIS's commitment to safe deployment practices for the TEHTRIS XDR AI PLATFORM and services that impact Windows environments. Our goal is to ensure updates are deployed smoothly, minimizing disruptions and maintaining system reliability.

Safe Deployment Practices

Extensive Testing

Testing is organized into three phases:

1. Smoke Campaign: Ensures that a code delivery has not introduced critical bugs or regressions.
   - Covers main functionalities, making execution fast (5 to 30 minutes).
   - Includes a small number of test cases.
   - Covers all major product features.
   - Executed frequently.
   - Automation: Partially automated.
   - Shared with all project stakeholders for execution and understanding.

2. Validation Campaign: Verifies that new features or functionalities behave as expected.
   - Includes a large number of test cases.
   - Executed only when a feature or product is implemented (no re-execution).
   - Automation: Not automated.
   - No untested features or products should be deployed to production.

3. Regression Campaign: Ensures that new features have not introduced bugs or changes in existing functionalities.
   - Less detailed than the validation campaign.
   - Includes a subset of validation tests and is enriched based on bugs found in production.
   - Run regularly.
   - Automation: Automated as much as possible.
   - Different from validation tests; run after a validation campaign.

Release

There are three types of releases:

	Major Release	Minor Release	Maintenance Release
Scope	All	All or partial	Partial
Fixes	✅	✅	✅
New Features	✅	❌ (except in exceptional cases)	❌
Potential Impact	High	Medium	Low

Major release

- Occurs thrice a year.
- Affects the entire production fleet.
- Impacts almost all products and packages.
- Includes new features and bug fixes.
- Full migration takes approximately 1 to 2 months with 1 to 3 deployments per week.

Scheduling Policy per deployment

- Time: 9 AM to 1 PM GMT+1
- Communication: Direct lines with R&D teams and ISP for problem-solving
- Customer Communication: Direct lines with Customer Technical Account Manager and ISP
- Validation: Communicate with each customer/partner at least 2 weeks before the update and on the day of deployment

Minor release

- Number varies based on needs; generally, 1 to 5 per major release.
- Usually affects the entire production fleet.
- Impacts a portion of products and packages based on needs.
- Includes bug fixes and may include new features.
- Full migration takes approximately 2 to 6 weeks with 1 to 3 deployments per week.

Scheduling Policy

- Time: 9 AM to 5PM GMT+1
- Communication: Direct lines with R&D teams and ISP for problem-solving
- Customer Communication: Direct lines with Customer Technical Account Manager and ISP
- Validation: Communicate with each customer/partner at least 2 weeks before the update and on the day of deployment.

Maintenance Release

- Number varies based on needs; generally, 10 to 50 per major release.
- Usually affects a small part of the production fleet.
- Impacts a portion of products and packages based on needs.
- Duration: A few hours, depending on the scope and size of the patch.

Scheduling Policy

- Deployed as necessary after customer validation.

Conclusion

Our Safe Deployment Practices ensure updates are deployed in a controlled and reliable manner, minimizing disruptions and maintaining system integrity. We are committed to transparency and continuous improvement in our deployment processes.