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| Title  PPS Auto Smoke Test Solution | | | |

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# SUMMARY

This document describes the process of auto smoke test and technical framework used.

# Introduction

## Purpose

This document describes the process of auto smoke test and technical framework used.

## Scope

This scope covers auto smoke test in PSS.

## Terminology

|  |  |
| --- | --- |
| Term | Meaning |
|  |  |

## References

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## Revision History

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| --- | --- | --- | --- |
| Edition | Date | Author | Description |
|  |  |  |  |
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# Smoke test pipeline

**3.1 Pipeline flow chart**

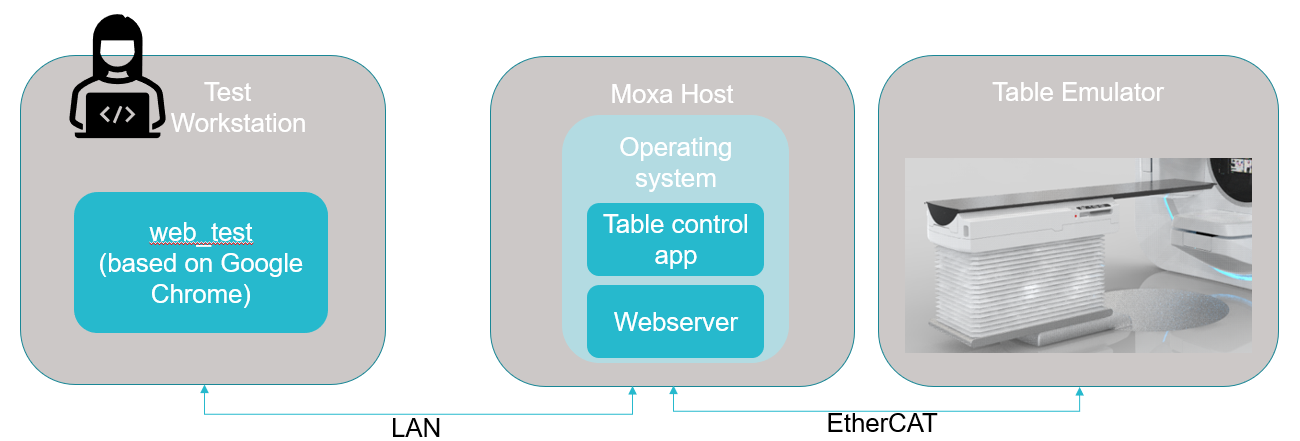


# test for service web ui

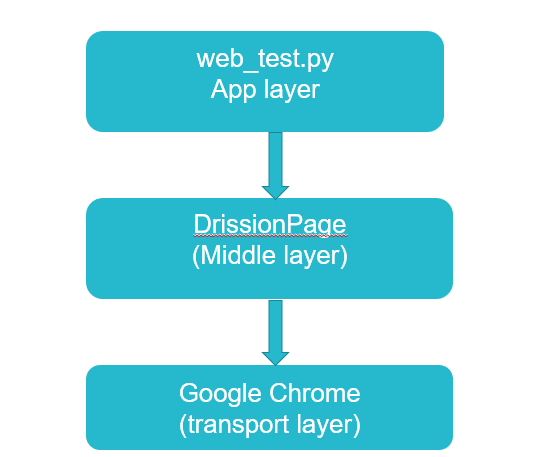
## Technical framework

Pytest + DrissionPage

## Test environment deployment



## Test scripts hierarchy



## Test context

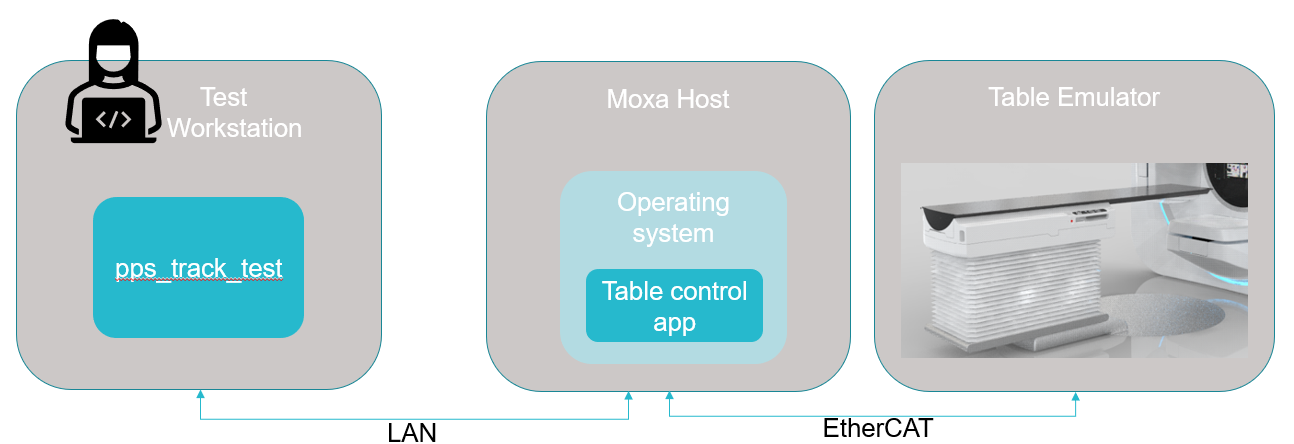
1. User login and X/Y/Z/P/R/ISO axes calibration

# test for service interface

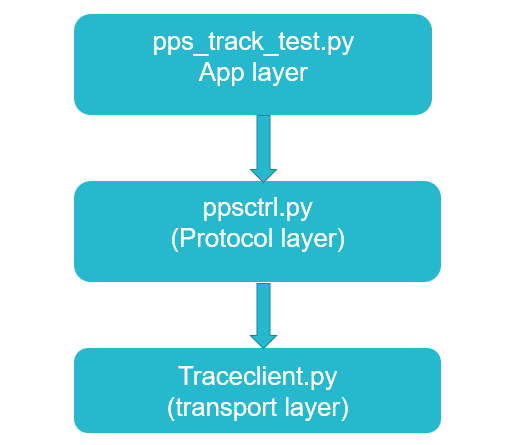
## Technical framework

Pytest auto test framework

## Test environment deployment



## Test scripts hierarchy



## Test context

1. Run one cycle of X/Y/Z/P/R/ISO axes position move

# reboot moxa MAHCINE

## Implementation technology

Python + Paramiko, using SSHClient provided by Paramiko to login MOXA and reboot it.

# send test results by mail

## Implementation technology

Python + smtplib, using smtp provided by smtplib to send email.

## Send context

results\_service\_ui.html, output of running web\_test.py

results\_service\_if.html, out put of running pps\_track\_test.py

pipeline\_log.txt, output of running pipeline.py