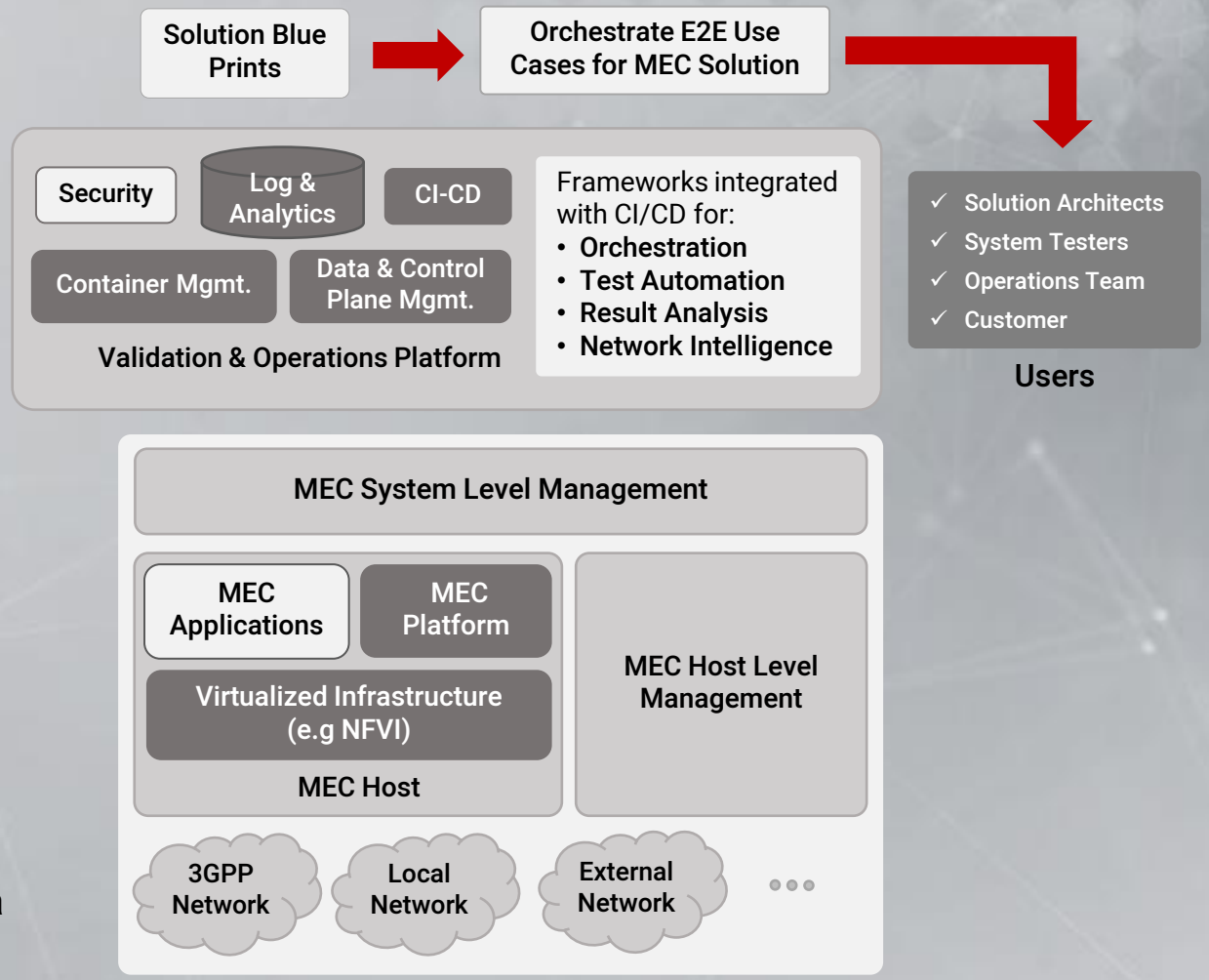
- Is an amalgamation of mobile network, fiber networks, data centers, WiFi and edge network
- Takes advantage of edge infrastructure and 5G network slice to provide new & innovative use cases
- Involves numerous environments from different operators with various scales and capabilities
- Introduces billions of different devices providing different functions with various capabilities
- Require SPs to end-to-end configure, deploy, turn up, monitor, and maintain several networks simultaneously

MEC will challenge the Test, Operation and Maintenance effort like never before

What do we need to prepare?

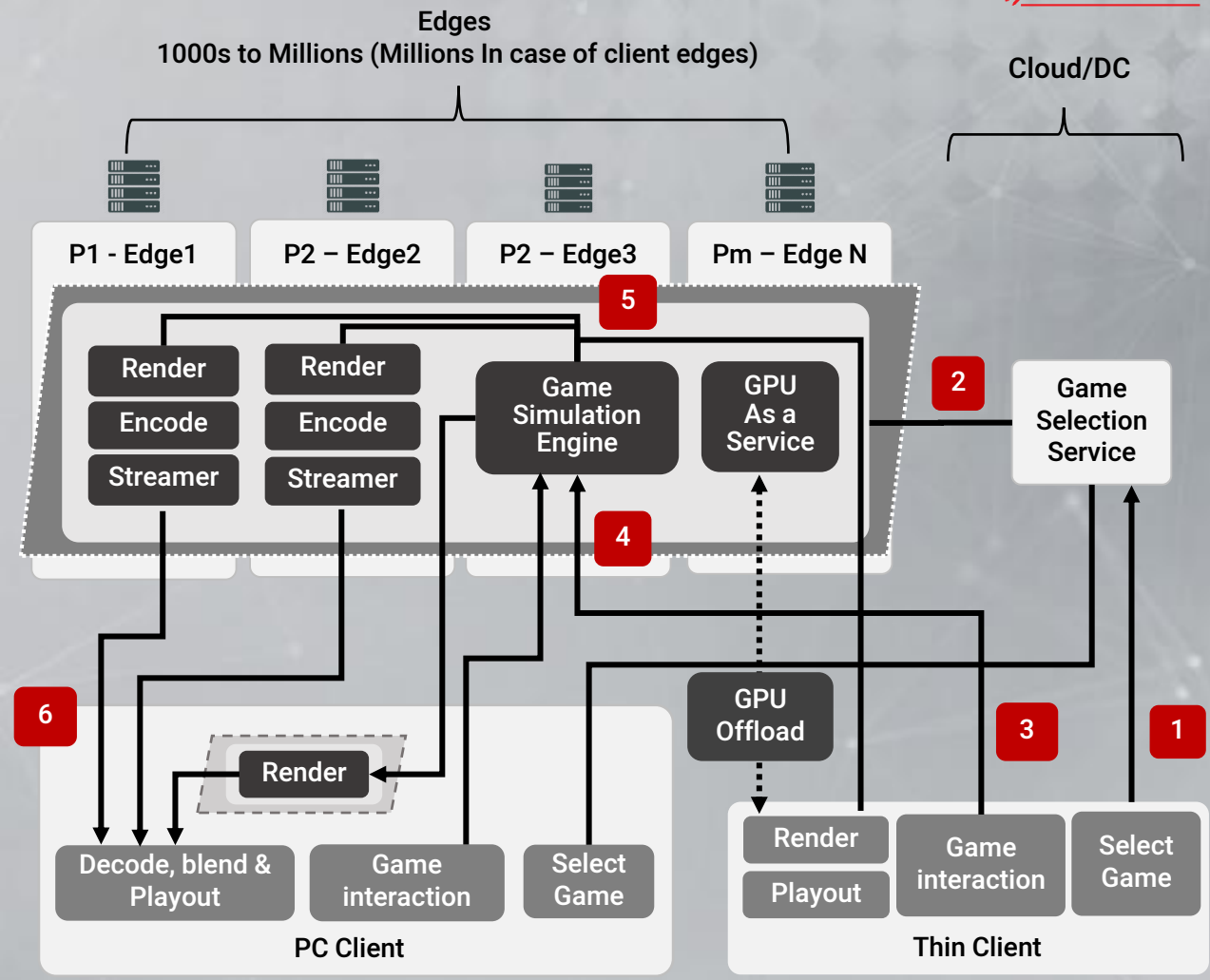
What SPs need to test MEC use cases

- Automation of the entire process using best of bread solutions
- Framework to rapidly onboard new use cases and emulate new NF
- A platform that can validate various network technologies and can easily augment new ones
- Capability to generate various traffic on both Control and Data plane for testing and analysis
- Ability to generate different types of traffic, particularly video, for network behavior analysis and modeling
- Inject traffic from various parts of the network through an orchestrator
- Most importantly, automatic analysis of test execution data



Support team's need to test MEC applications

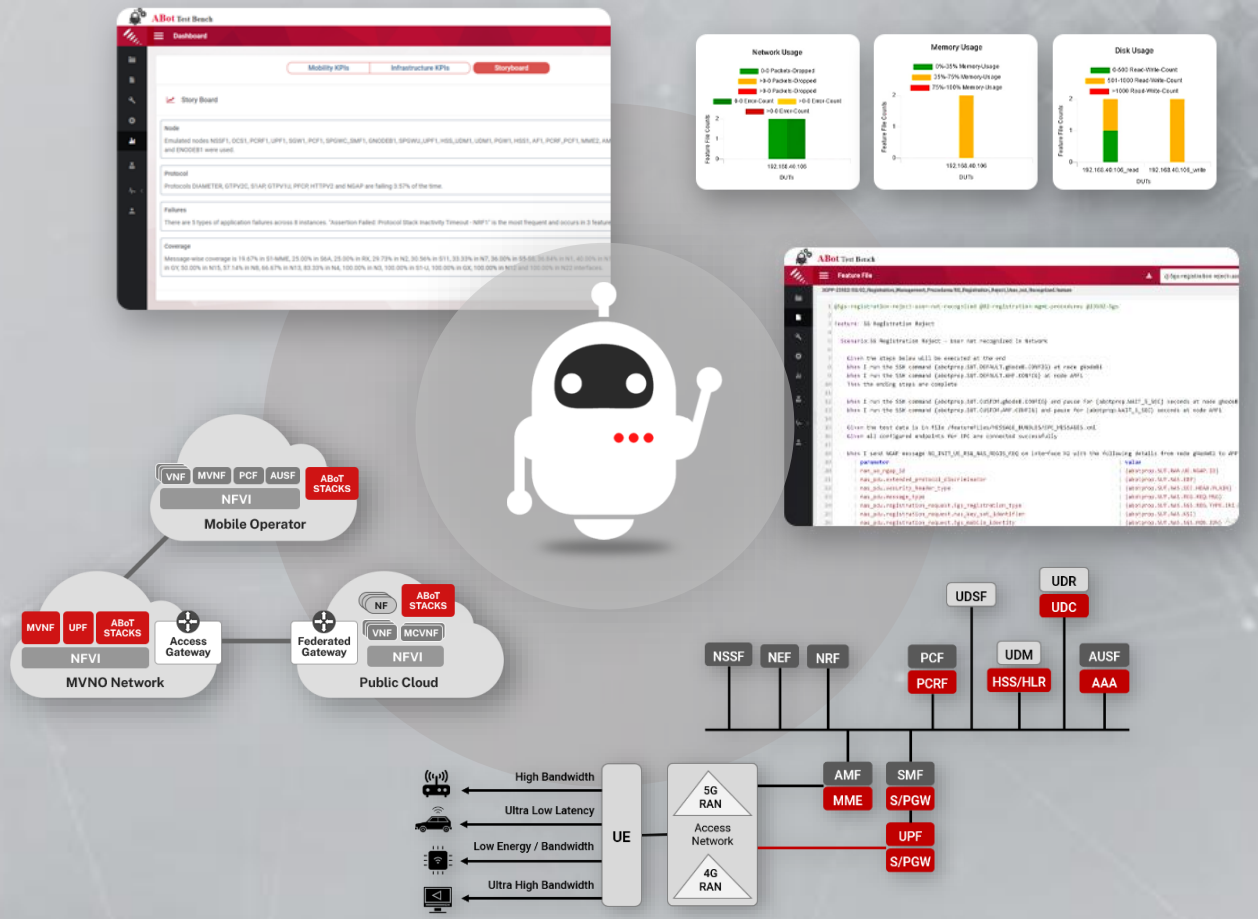
- An uniform set of test scripts to test and analyze different use cases
- Abstraction of the underlying technology complexities and only exposing use case specific details
- Test scripts in use case specific domain language for easy comprehension
- Correlation of end-to-end data and association with use case related KPIs
- Easy manipulation of test scripts to match deployment configuration
- Ease of test script modification at labs and filed by different stake holders



Sample AR/VR App Use Cases

ABot features

- Ready-made test cases for different use case in English like DSL language
- Generate various types of traffic to emulate different use cases
- Supports emulation of various NFs required for MEC
- An architecture to rapidly onboard new NFs and protocols
- Cloud native, hardware agnostic, and highly scalable
- Test result insight using ML driven analytics
- Analytic correlating Infrastructure, Mobility and Performance KPI
- Extensive REST support for easy integration



[Learn more about ABot]

[Read our MEC Whitepaper]

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