

## Testing Internet Gaming Applications with LANforge

Gaming application developers, gaming console makers and WiFi Access Point makers can now test the user experience in a wide range of network conditions in a controllable manner. Candela offers a gaming testing solution that allows the user to isolate and test one network variable at a time: RF stability, RF performance, and upstream network conditions (latency, bandwidth, packet loss & reordering, corruptions ...)



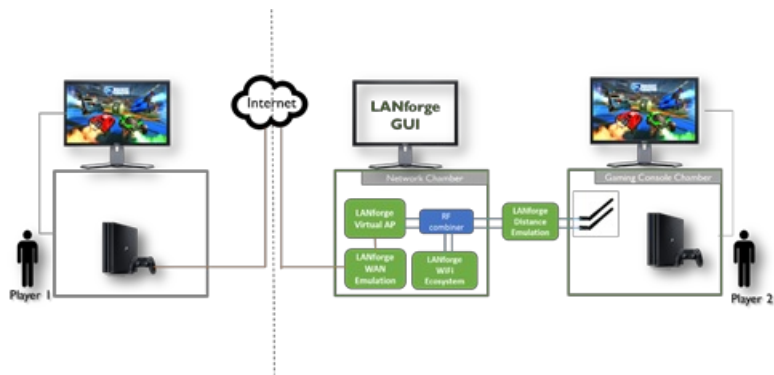
### Typical Testing Approach

- LANforge emulates different APs: Test with many different types of AP settings that are commonly seen.
- Add wired network impairments to emulate bad internet connectivity.
- Add common wireless impairments: distance, co-channel interference, adjacent channel interference.



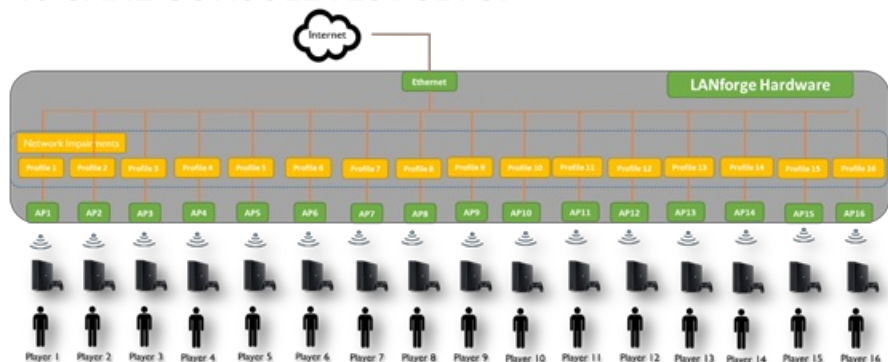
### Includes these Building Blocks

- Network impairment emulator (emulates Internet connectivity)
- Station Emulation for RF interference testing
- AP Emulation for RF interference testing and to act as AP for the Gaming station
- 2 RF Enclosures
- Programmable Attenuators
- Traffic Generation feature set for RF interference testing and QoS testing
- RF Cables, splitters/combiners.



More advanced systems can support many concurrent and individually configurable network emulations by using many vAP interfaces paired with WAN emulation in the LANforge system.

## 16 GAME CONSOLE TEST SETUP



### Gaming Test Demonstration

Pricing: A simple setup with vAP and WAN emulation starts at around \$10k. A more advanced setup with isolation chambers and RF attenuator starts around \$40k.

Lead Times: Most LANforge systems can generally be shipped within a couple of days of customer PO. The accessories may need 2-4 weeks of lead time.

TaaS/Onsite Support: For a customer with only occasional testing needs, we provide an option of Test as a Service. Candela engineers can do the testing for you in our fully equipped test lab and provide a detailed test report with recommendations. We can provide onsite setup and automation services for customers interesting in purchasing the system.

For more information, please contact [sales@candelatech.com](mailto:sales@candelatech.com) or give us a call at: 1-360-380-1618

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