

Welcome to Shabodi's Application Enablement Platform (AEP) Sandbox. In Shabodi's AEP Sandbox environment developers can create and test their enterprise applications using network APIs provided by Shabodi. The sandbox is anchored by Shabodi's Network-Aware AEP which bridges your application into the supported networking infrastructures, making it network aware, optimizing performance, and enhancing the user experience (see Figure 1). Shabodi's Standard set of Simplified APIs are supplied allowing developers to validate and explore how advanced network services can bolster the functionality of their enterprise application.

Shabodi AEP Sandbox Attributes

1. Multi-Network Access:

Initial deployment includes 5G and Wi-Fi access nodes. More network types will be included over time.

2. Real Devices:

Devices supplied by Shabodi include Wi-Fi and 5G-enabled cameras, along with Wi-Fi and 5G enabled laptops upon which streaming videos can be placed. Effects of network setting adaptations can be seen either with live streaming from cameras or from streaming canned videos from wirelessly connected laptops.

3. Easy Access:

Sandbox membership can be arranged by applying through Shabodi's developer portal. Once approved access to learning materials, API specifications and sandbox will be enabled through the user-specific credentials provided by Shabodi. VPN access will also be supplied by Shabodi to ensure a secure testing environment.

4. Environment Support:

While access to the sandbox and use of the APIs is very straightforward, sometimes help is required. The sandbox is supported by Shabodi's advanced wifi network experts from 9:00am – 6:00pm, Monday through Friday (EST).

The sandbox is based on release 2.0 of Shabodi's Network-Aware AEP. A comprehensive roadmap of new APIs, network elements, and service capabilities will be deployed into the sandbox on a quarterly basis. Notifications will be provided to members as new capabilities are deployed, allowing early testing and, if needed, adaptation to applications to avoid impacts in production environments.

The following APIs are available from Shabodi's Developer Sandbox:

Standard Simplified APIs (for general enterprise network-aware application development)

- Quality of Service (QoS): Bandwidth, Latency, Jitter
- Insights: Subscriptions
- Devices: Status, Utilization
- Location: Center

CAMARA for Enterprise APIs (for porting MNO CAMARA applications into enterprises)

- Quality on Demand (QoD), Device Status, Location

Feedback is important to continually enhance enterprise application functionality and improve business outcomes. If you see opportunities for improvement, have general feedback, or require support, please email us at support@shabodi.com.

