

TOA Canada Technical Update

White Paper of Grandstream UCM6202 VoIP-PBX Successfully Validated with the TOA CX-1000 Communication System

TOA Canada is pleased to announce that the Grandstream UCM6202 VoIP-PBX has been successfully tested and validated for integration with the TOA CX-1000 Integrated Communication System as an external telephone system. Testing confirmed reliable SIP-based connectivity, enabling customers to seamlessly connect the CX-1000 platform to modern IP-PBX environments.

With the successful validation of the Grandstream UCM6202, organizations now have an additional tested IP-PBX option for integrating external telephone services into their CX-1000 deployments. The integration utilizes SIP trunk connectivity between the Grandstream PBX and the CX-1000 system, allowing calls to be exchanged bi-directionally between the PBX and the CX platform.

Key validated functions include external telephone access from CX-1000 stations, incoming call routing from the PBX to CX-1000 terminals, direct extension dialing, direct-in-line routing, SIP INFO based DTMF signaling, and G.711 μ -law audio support.

During interoperability testing, the Grandstream UCM6202 was configured as the external telephone system connected to the CX-1000 SIP interface. Testing verified call establishment, audio transmission, DTMF detection, inbound and outbound call routing, and extension access functionality. Codec and signaling parameters were also verified to ensure stable communication between the two platforms.

This validation provides system integrators, consultants, and end users with greater flexibility when designing communication solutions that require connectivity between the CX-1000 and enterprise telephone networks. Organizations already utilizing Grandstream IP-PBX systems can now integrate the CX-1000 into their communications infrastructure with confidence using a tested and documented configuration.

A detailed configuration guide is available to assist installers and technical support personnel with deployment. The guide includes PBX configuration settings, SIP trunk setup procedures, codec recommendations, and CX-1000 software configuration parameters required for successful operation.

The successful interoperability testing of the Grandstream UCM6202 with the TOA CX-1000 expands the range of supported external telephone system options available to customers. This validated solution delivers a reliable SIP-based connection that enables organizations

to integrate their paging, intercom, and communication infrastructure with modern IP telephony systems.

Note: Please confirm compatibility prior to deployment, as firmware updates may behave differently depending on the environment.