The transition from IPv4 to IPv6 transparent to videoconferencing end users.

Used for over 20 years, the IP protocol version 4 (IPv4) is starting to show its technological limits. The initial conception never took into account the fact that the Internet would become so popular so that it remains, to this day, no more than 2% of available addresses.

In the near future, we imagine that each electronic device will be able to communicate and possess its own IP address, therefore, multiplying the number of addresses assigned to each person. The number of IPv4 addresses planned, reaches saturation point.IPv6 is taking over.

IPv6 implements additional features not present in IPv4 such as a new format of the IP headers, a much larger address space, a more efficient routing infrastructure, stateless address auto configuration. Network security is also integrated into the design of the IPv6 architecture, as well as a standardized QoS support.

Migration to IPv6 will be gradual. For some time, the two protocols will cohabit, creating new challenges regarding interoperability.

G2J helps you to ensure the continuity of your business

The cohabitation of IPv4 and IPv6 is equivalent to the existence of a smaller protocol in the protocol.

In the same way that a bridge is necessary to make communication between IP and ISDN, or a VPN and a public network, possible, a gateway is required in order to make equipment running on IPv4 and IPv6, compatible.

Customers wishing to expand their videoconferencing fleet, will purchase equipment running on IPv6, while retaining their old fleet running on IPv4.This, can create barriers to intra and intercompany communication.

Instead of changing your fleet or invest in the infrastructure required for interoperability, G2J offers its own infrastructure and allows you to ensure business continuity.

For a smooth migration, G2J offers:

The IPv4/IPv6 Gateway. It is a real address translator. There is no need to invest in an infrastructure to ensure reciprocal compatibility between equipment within your company or your ecosystem (customers, suppliers…). The capacity of the Gateway can be upgraded to meet your requirements. Your Return on Investment is guaranteed.

G2J also offers technical training so that you can get familiar with the new version of the protocol.