

SIP Intercom & Phone Technology

- > Enables hands-free intercom, telephone, and paging
- > Supported natively on most Crestron® touch screens
- > Supported on Apple® iOS® and Android™ devices using the Crestron App
- > Works over IP — no special switchers, routers, or wiring required
- > Compatible with SIP VoIP phone systems
- > Compatible with third-party Rava® enabled door stations

Rava® SIP Intercom & Phone Technology^[1] is built into many Crestron® touch screens and mobile apps, enabling hands-free intercom, video intercom, telephone, and paging. It works over Ethernet, eliminating the need for any special wiring or switchers.

Rava does two things. First, it allows Rava devices to communicate with each other peer-to-peer. Just place two or more Rava devices on the same network and they are instantly set up to intercom point-to-point with each other. No other wiring or special central routing devices are required. In addition to intercom, Rava peer-to-peer also supports zone paging, allowing the user to easily call out to multiple rooms.

Second, it allows Rava-to-SIP VoIP, bridging a SIP system with a Rava-enabled device. Take any SIP VoIP phone system and use the existing Ethernet connection to enable intercom and paging with Rava devices. Cisco®, Mitel®, Panasonic®, 3CX® and other SIP compliant systems integrate easily with Rava devices.

Rava-enabled touch screens are pre-configured to work with other Rava devices on the network for quick and easy configuration. Most include built-in echo cancellation, affording full-duplex performance for clear, seamless voice communication. Consult the specifications for each device to determine its full capabilities.

Through its third-party manufacturer partnerships, Crestron is able to offer additional solutions for integrating with door stations and analog intercom systems. Two exciting third-party solutions include the Annunicom 200-RAVA from Barix®, and VIO by Holovision. Both solutions enable an array of possibilities, affording seamless peer-to-peer Rava integration without requiring a SIP server.

For more information or to purchase Barix products, visit www.gobarix.com.

For more information or to purchase Holovision products, visit www.eholovision.com.

For more details on these and other solutions, see Crestron True Blue Online Help [Answer ID: 5476](#).

Notes:

1. SIP (Session Initiation Protocol) is a signaling protocol widely used for controlling voice and video communication sessions over IP (Internet Protocol). Rava leverages SIP to enable communications between Crestron touch screens and other compatible devices.
2. Supports push-to-talk mode only. Hands-free mode not supported.



Rava compatible Crestron products include:

Current models:

Crestron App
 FT-TS600
 FT-TSC600
 TS-1542
 TS-1542-C
 TSCW-730
 TSR-302
 TSS-752
 TST-602
 TST-602-WALL
 TST-902^[2]
 TSW-560
 TSW-560P
 TSW-732
 TSW-760
 TSW-1060

Legacy models:

DGE-2^[2]
 TPMC-4SM-FD
 TPMC-4SMD-FD
 TPMC-8T-GA
 TPMC-8X-GA
 TPMC-9L
 TPMC-V12^[2]
 TPMC-V15^[2]
 TST-600
 TST-600-WALL
 TSW-550
 TSW-552
 TSW-730
 TSW-750
 TSW-752
 TSW-1050
 TSW-1052
 V12 via DGE-2^[2]
 V15 via DGE-2^[2]

This product may be purchased from an authorized Crestron dealer. To find a dealer, please contact the Crestron sales representative for your area. A list of sales representatives is available online at www.crestron.com/salesreps or by calling 800-237-2041.

The specific patents that cover Crestron products are listed online at: patents.crestron.com.

Certain Crestron products contain open source software. For specific information, please visit www.crestron.com/opensource.

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