

### TSAN 008 SAITEL/TELVENT RTU with INTEGRA & T96SR Dataradio Technical Support

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|-------------------|----------------|---------------|----------------|

**Product:** Integra-TR™ & T-96SR™ Wireless Modem

**Application:** Interface with SAITEL (Telvent) RTU # 8616 RTU

**Connection:** 9-pin serial with jumpers for DOX mode (Integra-TR™) & RTS/CTS T-96SR™)

**Power Requirements:** 12 VDC model RTU was tested

**Test Results:** The SAITEL RTU was successfully tested with Integra-TR and T-96SR wireless modems. Interface is based on Integra in DOX mode. Some control pin jumpers required on SAITEL 9 pin connector at RTU. T-96SR was tested with RTS/CTS control. Testing was performed at 9600 bps, 8 data bits, no parity, and 1 stop bit.

|                           |            |
|---------------------------|------------|
| Integra-TR Wireless Modem |            |
| # 9 pin serial connector  |            |
| <u>Integra</u>            | <u>RTU</u> |
| 2 RX-----                 | 2 RX       |
| 3 TX-----                 | 3 TX       |
| 5 SG-----                 | 5 SG       |
| 7 RTS NC                  | 7 RTS      |
| 8 CTS NC                  | 8 CTS      |

|                          |            |
|--------------------------|------------|
| T-96SR Wireless Modem    |            |
| Pin # 9 pin serial cons. |            |
| (697-0000-001) cable     |            |
| <u>T96SR</u>             | <u>RTU</u> |
| 2 TX-----                | 2 TX       |
| 3 RX-----                | 3 RX       |
| 7 RTS-----               | 7 RTS      |
| 8 CTS-----               | 8 CTS      |
| 5 SG-----                | 5 SG       |
| 4 DTR - NC               |            |

|                                  |         |
|----------------------------------|---------|
| <b>Host PC Emulator Program</b>  |         |
| SAP 20 Protocol SAINCO product   |         |
| 9 Pin serial port and connectors |         |
| Computer -----                   | Integra |
| Pin #                            |         |
| 2 RX -----                       | 2 RX    |
| 3 TX -----                       | 3 TX    |
| 7 RTS <input type="checkbox"/>   |         |
| 8 CTS <input type="checkbox"/>   |         |
| 6 DSR <input type="checkbox"/>   |         |
| 4 DTR <input type="checkbox"/>   |         |
| 5 SG -----                       | 5 SG    |