

# World's First RF GNSS Signal-Transcoder

Allows any new GNSS System to be received by legacy GPS receivers.

--> Works like the HD-TV Converter boxes for your old Tube TV.<--



Glonass, Galileo, SBAS, BeiDou  
etc.  
(8th+ Generation GNSS  
Receiver)



The RSR Transcoder module uses NMEA/ICD-153/SCPI Position-, Velocity-, and Time- (PVT) signal from any GNSS receiver (SAASM, M-Code, u-blox, Trimble, CSAC, etc) and encodes this PVT signal into a GPS RF Signal similar to a GPS Simulator, but encoding is done in Real Time with nanosecond accuracy.

This allows retrofitting ANY GPS receiver with one or more of the following PVT capabilities:

Indoor reception, SAASM, M-Code, Glonass, Galileo, BeiDou, CSAC-Holdover, dead-reckoning INS, etc.



**CAN ALSO WORK AS A  
GPS PSEUDOLITE  
TRANSMITTER!**

**JACKSON**  
Jackson Labs Technologies, Inc. **LABS**