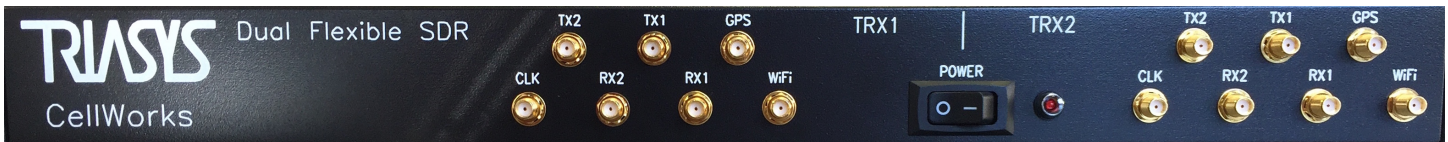




# NEW PRODUCT RELEASE!

## LTE FDD/TDD ENODEB



### THE LATEST ADDITION TO THE CELLWORKS FAMILY

As part of the CellWorks family of wireless network products, the TriaSys eNodeB provides a compact design for deploying LTE network resources for small cell applications as well as large rollouts such as outdoor test ranges.

The TriaSys eNodeB provides capability that is fully 3GPP compliant.

Available as a single or dual unit, the eNodeB provides up to two MIMO small cells in one single chassis.

Each eNodeB supports 2x2 MIMO capability for TX and RX diversity, along with an on board WiFi node to allow for WiFi offloading applications.

Coupled with the TriaSys Enhanced Packet Core (EPC), and TriaSys CellWorks 2G and 3G product offerings, a fully integrated wireless network can be tailored to provide LTE with Circuit Switched Fallback (CSFB) as well as native Voice over LTE (VoLTE) capability, along with full interoperability between 2G, 3G and LTE resources.

The TriaSys eNodeB provides fully flexible frequency coverage from 698 to 2700 MHz in both FDD and TDD modes.

The compact eNodeB provides up to 0.5W output power. The eNodeB can also be coupled with TriaSys CellWorks Power Amplifier and Duplexer/Filtering products to provide up to 50W output for high power applications.

Feature	Parameters
FDD LTE Bandwidths supported	5, 10, 15, 20 MHz
Active UE's	32
Data Speed	30 Mbps DL/15 Mbps UL
Frequency coverage	698-2700MHz
Output Power	+5dBm/chan (for use with external PA) +27dBm/chan (for use as standalone)
3GPP Release Compliance	Release 10
TDD LTE Bandwidths supported	5, 10 MHz
Active UE's	32
Data Speed	30 Mbps DL/15 Mbps UL
Frequency coverage	698-2700MHz
Output Power	+5dBm/chan (for use with external PA) +27dBm/chan (for use as standalone)
3GPP Release Compliance	Release 10
Size	17" x11" x1.75" (1U)
Weight	10.6 lbs (dual unit)
Power Consumption	25W (single unit), 50W (dual unit)

#### CELLWORKS LTE PRODUCTS

#### MODEL NUMBER

##### ENODEB

Single eNodeB

TR-ENB-1-NB

Dual eNodeB

TR-ENB-2-NB

##### POWER AMPLIFIER

MIMO Power Amplifier assembly - FDD configuration

TR-PA-20MF-BB-7-27

MIMO Power Amplifier assembly - TDD configuration (includes High Speed Switch)

TR-PA-20MT-BB-7-27

##### RF SWITCH MATRIX

SISO and MIMO switch matrices available for multi band duplexer/ band filter switching applications for FDD and TDD - contact factory for details

##### CORE SUPPORT

Enhanced Packet Core (EPC) - with Circuit Switched Fall Back (CSFB) support

TR-EPC

Optional IMS-Lite for Native VoLTE support

TR-EPC-IMS

Optional WiFi Offloading support for SaMOG / ePG / or both

TR-EPC-WIFI-S /  
TR-EPC-WIFI-E /  
TR-EPC-WIFI-SE

Contact *Triasys* for details on custom LTE and 2G, 3G network applications