

**After our own  
concrete drop test  
(see the last page)  
... now...**



# 180-pound Gorilla Test



I had a shovel and metal detector in my left hand, and the LS on a carbon fiber pole in my right hand. I have no idea what tripped me as I stepped from the woods, and onto an **old gravel covered asphalt** parking lot. This did not simply fall to the ground, it had **180 pounds of surveyor driving it into the pavement**. It was not a straight fall, I kind of slid across the pavement. The scratch on the top right area of the screen is from a rock.



At first it would not turn on. After I picked all of the rocks and broken glass from the holes that used to be buttons, I pressed the power button, and it came to life. I had no problem performing a full archive, and an active project archive, as well an export of the job I was working on. So no data lost. As can be seen in the photos...it still works fine.

Possibly a little wipe with a magic paper towel, and some Windex, and it will look like new??

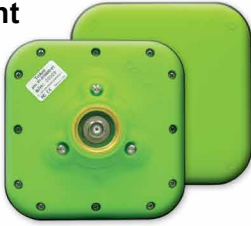
John Evers, PLS

**JAVAD**

www.javad.com

# Antennas

TriAnt



TyrAnt- G2T/G3



GyrAnt-G2T/G3



GrAnt-G3T/G3



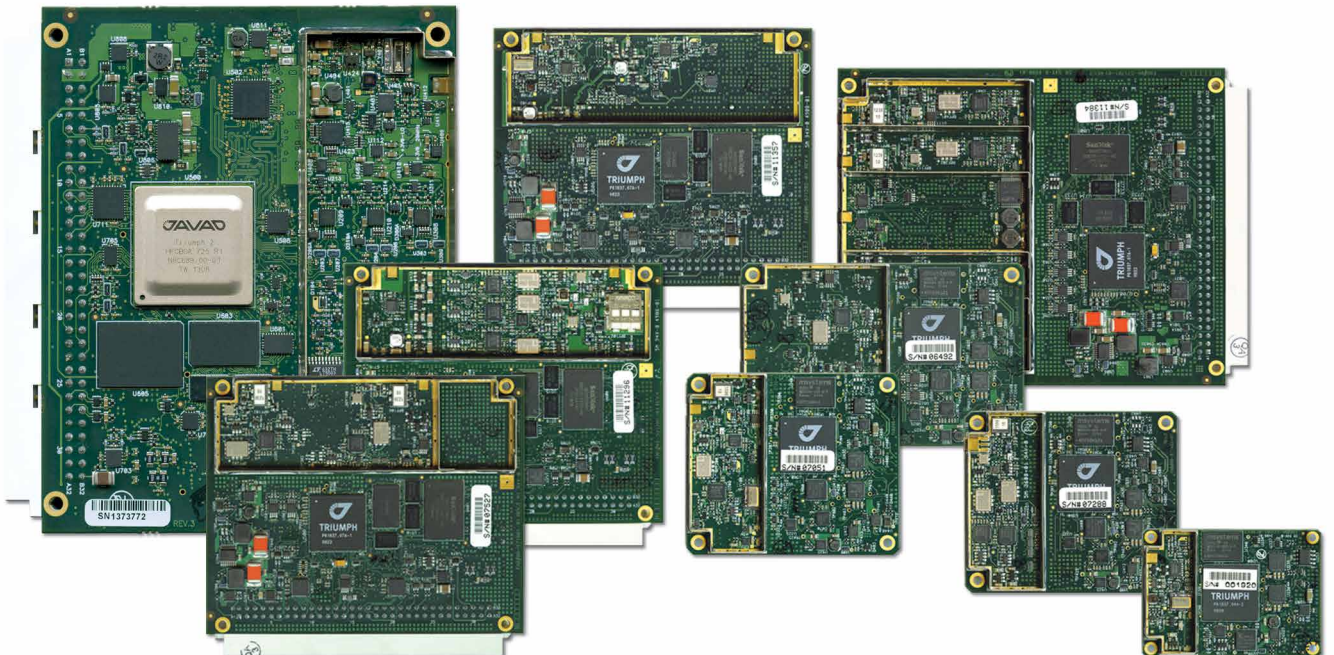
AirAnt



RingAnt-G3T

RingAnt-DM

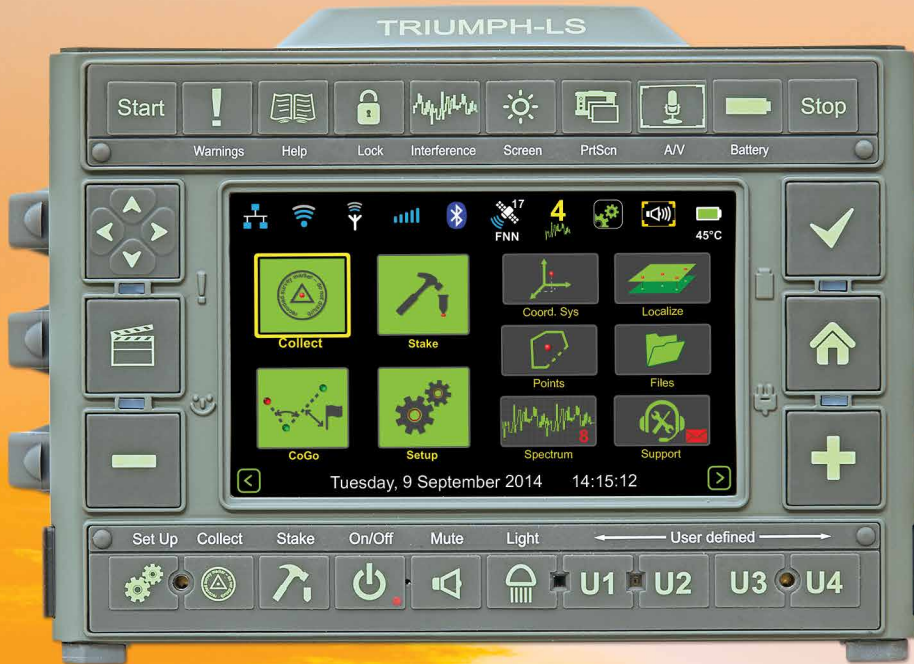
# OEM Boards



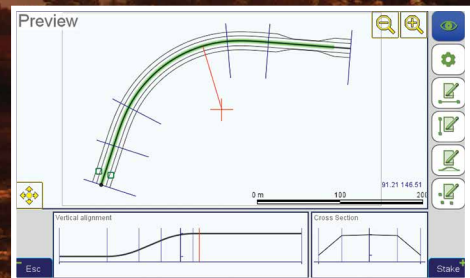
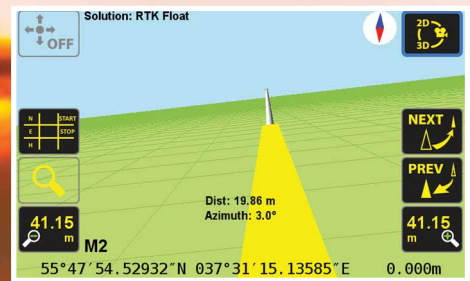
A variety of high performance GNSS OEM boards.

# TRIUMPH-LS

Receiver+Antenna+Radio Modem+Controller+Pole



- 864 Channels for all GNSS signals
- 24 Hours Battery Life
- Interference monitoring of all GNSS and UHF channels
- Visual Stake out
- Lift & Tilt
- 6 parallel RTK engines



Bearing-Distance	
P1	Point10 4529332.156m 568296.154m 0.000m
P2	Point11 4530216.724m 567150.812m 332.590m
B1, Grid: 58°0'0"	
R2, Grid: 300.0 m	
ΔH, P1 1.2 m	
Page0	
HTRS07 Grid / Greek TM07	
P3	Point12 4529843.185m 567274.005m 1.200m
Est. Error: 0.0539 m	

# TRIUMPH-1M

GPS + GLONASS + Galileo + BeiDou + QZSS

TRIUMPH-1M has same features as TRIUMPH-LS but without integrated controller.

TRIUMPH-1M and Victor-LS make a complete RTK system.



TRIUMPH-1M + Victor-LS

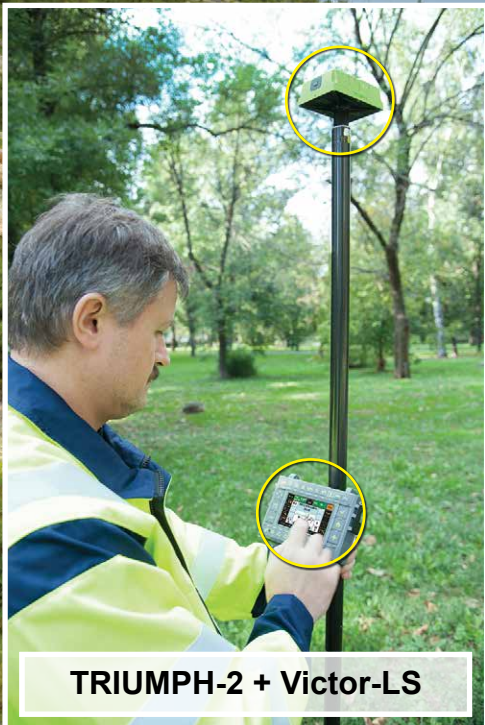


# TRIUMPH-2

Static → GLONASS → RTK Base → RTK Rover



TRIUMPH-2 tracks GPS L1/L2,  
GLONASS L1/L2 and Galileo L1.



**TRIUMPH-2 + Victor-LS**



# Victor-LS

The Rugged Field Controller



Victor-LS is a rugged field controller. It runs J-Field and can be used with TRIUMPH-1 and TRIUMPH-2.



**TRIUMPH-1M + Victor-LS**



**TRIUMPH-2 + Victor-LS**

# The one and the only Digital Radio Transceiver in the world!

Unique adaptive digital signal processing, which has benefits: the full UHF frequency range and all channel bandwidths worldwide • the best sensitivity, dynamic range, and the highest radio link data throughput • embedded interference scanner and analyzer • compatibility with another protocols

Cable free Bluetooth connectivity with GNSS receivers and Internet RTN/VRS access via embedded LAN, Wi-Fi, and 3.5G

And all this with competitive prices!

HPT435BT/HPT135BT/HPT225BT\*



**\$2,710**

35 W UHF/VHF Transceiver

HPT404BT/HPT104BT/HPT204BT\*



**\$1,640**

4 W UHF/VHF Transceiver

HPT401BT/HPT101BT/HPT201BT\*



**\$2,040**

1 W UHF/VHF with internal battery

L-Band/Beacon



**\$1,550**

Receivers for multiple applications

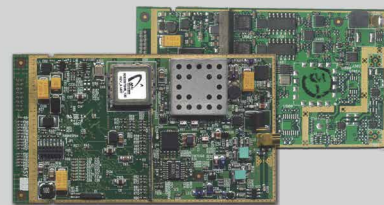
ISM Radio



**\$840**

CEPT 868-870 MHz, FHSS 902-928 MHz

OEM Solutions



**\$840**

902-928, 360-470, 225-255, 138-174 MHz

JLink 3G\*



**\$2,375**

Web-interface Wi-Fi, Ethernet, 3.5 G,  
UHF/VHF/FH915

JLink 3G BAT\*



**\$2,735**

Web-interface Wi-Fi, Ethernet, 3.5 G,  
UHF/VHF/FH915, internal battery

\*Power, data cables and antenna are included.

# Drop Test



See video at [www.javad.com](http://www.javad.com)

