

Oct. 27th, 2016

Re: Sole Source Letter for Leica Geosystems ScanStation PS30

To Whom It May Concern:

The Leica Geosystems ScanStation PS30 laser scanner system is the only laser scanning system available which combines the robust field performance, powerful post-processing software and bedrock legal defensibility required to support the public safety mission of the League City Police Department.*

These goods and services are proprietary to Leica Geosystems and the sole source provider is Leica Geosystems both directly and through Leica identified intermediaries to facilitate delivery of 3-D laser scanner products.

Some of the unique features of the ScanStation PS30 system include:

- Scanner: Published accuracy of both range and angle measurements (3D positional accuracy)
- Scanner: 3D position accuracy of a single measurement is 3 mm at 50 m / 6 mm at 100 m
- Scanner: Real-time liquid dual-axis compensator with onboard compensation, accuracy 1.5"
- Scanner: Internal imaging system with white balancing High Dynamic Range (HDR)
- Scanner: Auto-adjusting, integrated high-resolution digital camera with zoom video
- Scanner: Power ports Internal: 2, External: 1 (simultaneous use and "hot-swappable")
- Scanner: Stand-alone instrument operating temperature range of -4° F to 122° F with rating of IP 54
- Scanner: Integrated Class one laser plummet with a centering accuracy of 1.5mm at 1.5m
- Scanner: Field ability to check and adjust angular parameters and tilt compensator, set range offset
- Scanner/Software: Wave Form Digitizer and Mixed Pixel Filtration combined provide industry leading noise reduction and clean data sets
- Software: Auto registration which automatically creates Cloud-to-Cloud Constraints upon scan import
- Software: Diagnostics include overall accuracy reports, target constraint error reporting, cloud constraint Root Mean Square (RMS) error and error histogram
- Training: Approved by the International Association of Identification for CCSI certification**
- Ancillary Equipment: Vendor developed NIST traceable artifact for field confirmation of scanner accuracy
- Legal Precedent: The Leica ScanStation data has satisfied the Daubert standard in federal court

Sincerely,



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*In addition to the Leica ScanStation PS40 laser scanner model

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- when it has to be **right**



**Certified Crime Scene Investigator

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