

## Forestry Management

Obtain the measurements you need to do your job efficiently with this line of versatile lasers. Simply aim, push a button and get a displayed reading instantly. Simplify a number of challenging measurement tasks with these rugged, lightweight rangefinders.

### Application Solutions:

- Measure tree heights, forest/timber inventory or the steepness of slopes adjacent to streams
- Verify flood plain or habitat areas (buffer zones) to prevent excessive erosion
- Monitor the growth of trees to determine future yield

### Impulse Rangefinder:

- Compact, lightweight, rugged and waterproof
- Simple, one-hand operation with a measurement in less than a second
- Internal electronic tilt sensor
- Measures through foliage and dense brush



## Transmission & Distribution and Utility

Perform T & D functions quickly and accurately with the touch of a button. Increase your productivity making field measurements with no adverse affects from local magnetic interference. Save time, manpower and minimize your safety liability without the need of prisms or reflective targets.

### Application Solutions:

- Verify the sag and tension of multiple power lines/conductors
- Determine safe clearance from potential dangerous trees
- Measure attachment heights, elevation changes, span lengths and more

### MapStar Angle Encoder:

- Rugged, durable and water resistant
- Equally effective in rural or urban environments (Not affected by magnetic interference)
- Integrates seamlessly with LTI's Impulse laser and compatible with most GPS and GIS
- 3-D mapping capabilities with precision angular accuracy



Ask about LTI's "T & D Pro Utility Pac" software.

## Professional Mapping

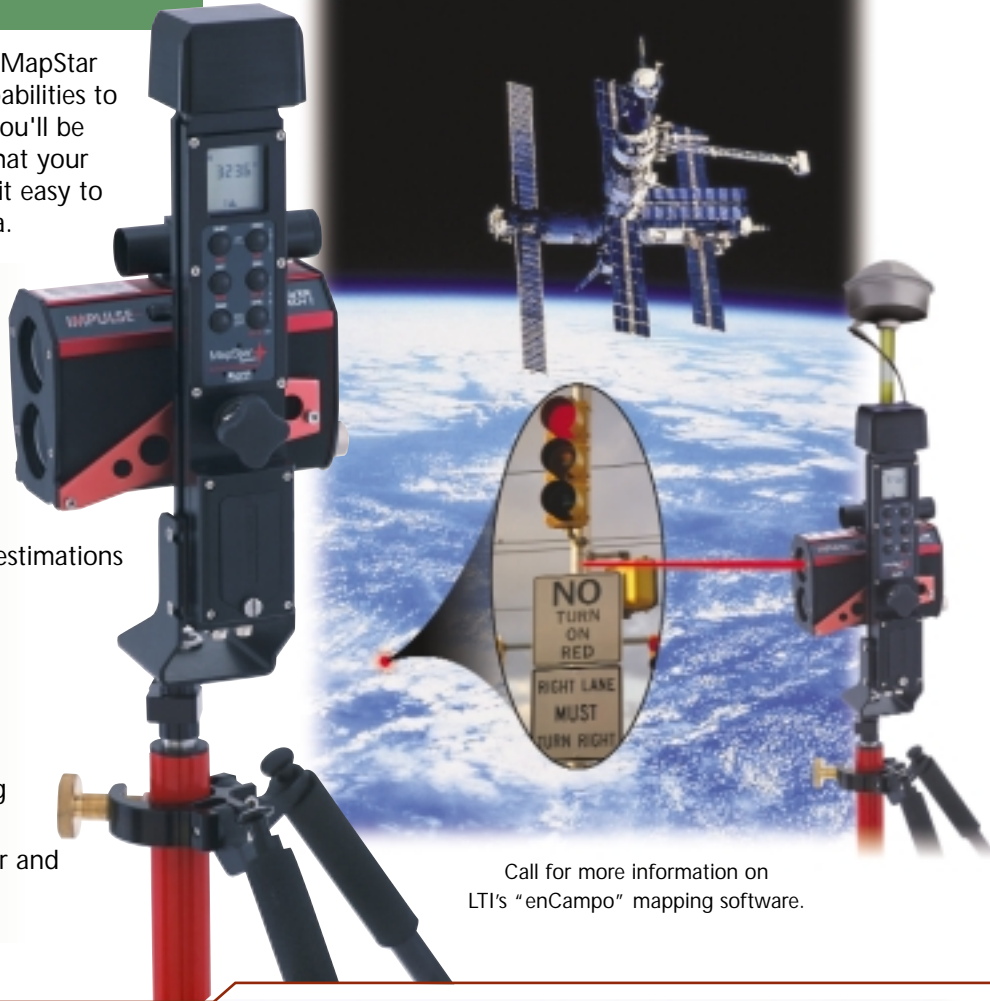
Much more than just an electronic compass, the MapStar Compass Module brings a host of innovative capabilities to azimuth measurement. Even if you're a novice, you'll be mapping like an expert in minutes. No matter what your discipline, the MapStar Compass Module makes it easy to collect, coordinate and map almost any field data.

### Application Solutions:

- Integrate with a Global Positioning System and map in remote targets
- Forestry: Property boundaries, stream courses, recreational facilities, etc.
- Government: Street signs, fire hydrants, manhole covers, utilities, etc.
- Construction: Site bids or stockpile/volume estimations

### MapStar Compass Module:

- Rugged, lightweight and water resistant
- World-leading azimuth accuracy
- Highly portable through rough terrain
- Easily calibrates on-site to adapt to changing magnetic environments
- Integrates seamlessly with LTI's Impulse laser and compatible with most GPS and GIS



Call for more information on LTI's "enCampo" mapping software.

## Mining/Explosives Engineering

Introducing the latest technology for measuring the profile of a rock face and calculating critical information needed for blasting. LTI'S proprietary "Face Profiler" software is fast, reliable and cost effective. The process begins with three easy steps: shoot the (1) floor, (2) toe and (3) crest. Minimize liability and safety hazards (fly rock) while maximizing productivity with the precise accuracy you need.

### Application Solutions:

- Measure a 2-D profile of any rock face
- Determine drill hole angles, offsets and hole depths
- Generate burden tables and create project reports
- Model any surface and estimate volumes (MapStar System required)

### Impulse Rangefinder:

- Precise accuracy with consistent reliability
- No prisms or reflective targets needed
- Adjustable Units: feet or meters and degrees or percent slopes
- Selective range setting for positive target acquisition



Ask about LTI's "Face Profiler" software.

## How We Measure Up.

### Reliability.

You need precision and dependability from your equipment to do the job. Laser Technology delivers. We pioneered affordable reflectorless laser technology in 1990 and we've been redefining laser measurement ever since. Our engineers, with over 35 patents granted and more pending, are constantly and continually meeting the needs of the future. That means you can do your job easily, dependably, and efficiently.

### Consistency.

We are the world's leading pulse laser manufacturer. Our cutting edge technology delivers repeatable data time and time again. Want measurable proof? Our low return rate on warranty items rivals the best in the industry.

### Versatility.

Our lasers are much more than just rangefinders. A number of built-in solutions make them extremely versatile. Lightweight, fast and durable, our products are specifically designed for optimal performance in a multitude of scenarios. Get efficiency and effectiveness without sacrificing needed flexibility.

### Accuracy.

Our Impulse series shoot far beyond most reflectorless total stations. As close to survey grade as you can get while maintaining a low cost and high portability. Our lasers meet or exceed the standards of accuracy for a number of different industries.

### Measurably Superior.

We stand proudly behind our professional measurement products. The same top-notch engineers, who developed lasers for NASA, have continually worked to keep our products a step ahead by adding more capabilities and improving performance. Why? To keep you a step ahead in your fast-paced, ever changing environment. Experience for yourself the quality, practicality and innovative technology that set us apart from the rest.



## Redefining Measurement

Reliability. Consistency. Versatility. Accuracy.  
**Measurably Superior.**

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