

Professional Measurement Product Announcement
Date: May 13th, 2013
Subject: Software Solutions

Laser Technology Inc. (LTI) is pleased to announce a new partnership with F4Devices, a division of F4 Tech.

F4Devices will provide LTI a custom version of its Flint handheld for use as the data collector in our Professional Measurement Software Solutions. This custom version of the Flint S-Series rugged handheld is now available to the current LTI distribution channel for purchase and resale. This mobile device will be branded under BAP Precision, F4Devices' strategic partner in rugged mobile computing development.

Introducing this data collector into our PM software solutions significantly reduces the package price. All LTI products will communicate seamlessly to the BAP data collector using either Bluetooth or the optional Serial/USB cable.


BAP Specifications:

- Operating System: Windows Mobile 6.5 Classic
- Processor: 800MHz
- Memory: 256MB SDRAM
- Bluetooth
- Camera: 3M pixel auto focus
- Operating Temp.: -20° to +60°C (-4° to +140°F)
- Humidity: 0% to 90% @50°C for 8 hours non-condensing
- Dust/Fluid Protection: Per IEC 60529 Ed. 2.1:2001-02 IP65, 8 hours dust, 10 minutes water
- Vibration: Per IEC 60068-2-64 5 to 500Hz, 2.14G, random wave
- Mechanical Shock: Per IEC68-2-27 40G, 11ms, half sine wave
- Drop Resistance: Per IEC 68-2-32 Procedure I 4' (1.2 m) onto steel surface.

Available Models:

PART #	DESCRIPTION
3255052	BAP S810-C DATA COLLECTOR
3255057	FLINT S812C DATA COLLECTOR

Accessories:

PART #	DESCRIPTION
3255067	LTI 4PIN TO MINI USB CABLE
3255053	FLINT/BAP BATTERY
3255054	FLINT/BAP USB HOST CABLE
3255055	FLINT/BAP DELUXE CARRYING CASE
3255056	FLINT/BAP AC ADAPTER
3004965	QUICK RELEASE CRADLE- BAP/JUNO

Software Solutions:

Face Profiler Overview

Face Profiler software calculates bench heights, minimum and optimum burdens, hole offsets and depths, drill angles and more! Start significantly reducing the risk of dangerous fly rock incidents caused by insufficient burden and ensure you get proper fragmentation. Take the guesswork out of blast design!

The process begins with 3 easy steps: shoot the floor, toe and crest – then begin profiling the rock face.

Combining Face Profiler with LTI's Impulse or TruPulse laser, you will be able to capture more measurements on a wide variety of surfaces unlike any other laser profiling package on the market.

MapSmart Field & Volume Software Overview

If you're a non-surveyor faced with a surveying task, the last thing you need is software you can't understand or takes you weeks to learn. This is precisely why we developed this easy-to-use field data collection solution that will have you mapping like an expert in a matter of minutes.

Work with a live map display with touch screen and the ability to quality check your data as you go. MapSmart can accommodate every situation you may encounter by offering 4 mapping methods.

Collect and store data points electronically and view calculations such as distances between points or the area of multiple points, right in the field. Upgrade to MapSmart with Volume to measure a stockpile and instantly determine the volume and weight of the material. Create standard report files and easily transfer them to your PC for printing and archival.

Log Deck Volume Solution Overview

Our Log Deck Volume Software is a much needed solution that instantly generates the length and area of a log deck, as well as calculates the MBF for specified log species of specific length and diameter. Conventional measurement tools and methods just weren't 'cutting' it anymore as they could not address real-world problems efficiently.

Dealing with an ever-changing mountain of log inventory stacked with extremely narrow spaces in between creates difficult access and makes accurate measurements hard to get. LTI recognized the challenges that mill operators were faced with, which is why this Log Deck Volume Solution was developed.

There are options of choosing between five different survey methods to ensure users can pick the one that is best suited for the environment. Integrating with Laser Technology's Impulse/MapStar® System and/or TruPulse® lasers, Log Deck Volume Solution software provides streamlined, cost-effective and safer laser measurements while out in the field.

T&D Pro Overview

Enjoy the touch-screen activated, easy-to-use menus and functionality found in the Windows Mobile version of T&D Pro Field Software! The step-by-step graphical aids and instructions were written for non-surveyors, making T&D tasks quick and easy.

Verify the sag and tension of multiple power lines and measure conductor heights using one of several methods. Use the missing line routine to measure span lengths and changes in elevation. The conductor clearance solution will determine danger trees along your right-of-way

You can electronically record and store field data and create text and or spreadsheet reports. T&D software is able to produce critical values for you right in the field.

Software Packages:

LTI SOFTWARE SOLUTIONS RUN ON QVGA & VGA DATA COLLECTORS* WITH WM6.X OPERATING SYSTEMS	
MINING SOFTWARE SOLUTIONS	
PART #	DESCRIPTION
7034700	FACE PROFILER DATA COLLECTOR SOFTWARE SOLUTION**
	INCLUDES:
3255052	BAP S810-C DATA COLLECTOR (Bluetooth only, No GPS)
7034695	FACE PROFILER SOFTWARE
MAPPING / GIS SOFTWARE SOLUTIONS	
PART #	DESCRIPTION
7034757	MAPSMART DATA COLLECTOR SOFTWARE SOLUTION
	INCLUDES:
3255052	BAP S810-C DATA COLLECTOR (Bluetooth only, No GPS)
7035103	MAPSMART SOFTWARE
PART #	DESCRIPTION
7035106	MAPSMART W/ VOLUME DATA COLLECTOR SOFTWARE SOLUTION
	INCLUDES:
3255052	BAP S810-C DATA COLLECTOR (Bluetooth only, No GPS)
7035104	MAPSMART W/ VOLUME SOFTWARE
UTILITY SOFTWARE SOLUTIONS	
PART #	DESCRIPTION
7034745	T&D PRO DATA COLLECTOR SOFTWARE SOLUTION**
	INCLUDES:
3255052	BAP S810-C DATA COLLECTOR (Bluetooth only, No GPS)
7034744	T&D PRO SOFTWARE
LOG DECK SOFTWARE SOLUTIONS	
PART #	DESCRIPTION
7035138	LOG DECK VOLUME DATA COLLECTOR SOFTWARE SOLUTION**
	INCLUDES:
3255052	BAP S810-C DATA COLLECTOR (Bluetooth only, No GPS)
3204709	LOG DECK VOLUME SOFTWARE
*DUE TO HARDWARE LIMITATION SOFTWARE PROGRAMS DO NOT RUN ON MOBILE PHONES	
** QVGA DISPLAY DATA COLLECTORS ONLY AT THIS TIME.	

For more information please contact LTI.
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