Esri Releases Survey123 for ArcGIS with Spike Integration

Esri, the global leader in spatial analytics, has announced the software release of Survey123 for ArcGIS mobile application with Spike, a laser measurement solution by ikeGPS. This paired technology accelerates field data capture and asset inspection activities. Spike allows users to measure hard-to-reach objects from a distance simply by taking a photo with their smartphone or tablet. Users can then capture real-time measurements from that image, including areas, elevations, distances between two points, and GPS/GNSS location.

Use of the Survey123 integration with Spike will be of particular interest to organisations that routinely utilise mobile workflows for asset and facilities management, field asset inventories and inspections, damage assessments, and tactical operations including disaster response. Using Spike with Survey123 relieves fieldworkers of the burden of carrying paper maps to find the object of interest and lugging multiple pieces of specialised, expensive measuring equipment. Instead, with just a single mobile device, fieldworkers can locate the correct asset, record measurement data, and report accurate data directly back to the office.

“The new Spike integration with Survey123 is a game changer for many field data collection and inspection workflows where the dimension of physical objects needs to be captured. Spike and Survey123 provide quick return on investment,” said Ismael Chivite, Esri product management lead. “The simplicity of the solution enables it to be quickly deployed and with little training. Customers are very enthused about this low-cost solution that will streamline many of their critical workflows.”

With such an easy-to-use workflow, anyone can engage in field data collection activities. The ability to capture accurate measurements in the field is particularly useful when working in areas that don't lend themselves to hands-on or close-up measurement. Spike's laser can be used in ranges from 6 to 650 feet, with the option to select units of measurement in inches, feet, metres, or centimetres. With it, a single fieldworker is able to more quickly and safely accomplish what may otherwise have taken multiple field staff and costly equipment.

The Spike laser device mounts to smartphones and tablets and connects via Bluetooth with the mobile device's camera. Survey123 with Spike runs on Apple iOS and Google Android.

To find out more visit ikegps.com/survey123-spike.

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