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TABLET-BASED POWER PATH MAPPER IMPROVES INDUSTRIAL PLANT SAFETY FOR ELECTRICAL WORK

Knoxville, TN – Power Path Mapper is a new addition to the Tango™ family of Reliability Information Management tools that can be used on Smart Tablets or PC's to present electrical workers information about the plant's power distribution paths though panels and breakers to energized equipment. Technicians can quickly determine what systems need to be de-energized in order to work on plant equipment, or what other equipment may be effected when a circuit is de-energized. Power Path Mapper is part of a dynamic cloud database with panel layouts, breaker types, sizes, and what load is connected. Code inspections are streamlined with clearly printed directories. Directory changes are documented by date and author to ensure version control accountability. Change history is captured to simplify troubleshooting.

Power Path Mapper was developed for a major metropolitan medical center with more than 5,000 electrical panels across its campus. During a major infrastructure upgrade, the hospital's manager of electrical systems decided to leverage its existing Tango™ investment to improve the accuracy of its breaker directories. Tango™ Power Path Mapper is now being used to support infrared scanning of its 5,000+ electrical panels. All electrical closets, panels, and circuit breakers have been assigned quick response (QR) bar codes for fast identification and the inspection readings are being captured using smart devices.

Tango™ Power Path Mapping is now available for use in all facilities where the accuracy of power distribution path and circuit breaker labeling is essential to operations and maintenance.

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