ABB Ability™ Asset Health Center™ is now ABB Ability™ Ellipse® APM
Release 5.0 available now!

ABB is pleased to announce the latest release of the solution formerly known as Asset Health Center: ABB Ability Ellipse APM, version 5.0.

As the name change indicates, this release of Ellipse APM¹ is part of ABB’s recently-launched connected asset lifecycle management (CALM) solution, ABB Ability Ellipse, and is closely integrated with the Ellipse EAM and Ellipse WFM solutions².

Inspection data collected on a mobile device in the field is seamlessly transferred and combined with other data for automated health evaluation in Ellipse APM. Work identified through such evaluation is in turn communicated instantly to work management, and is scheduled with the fieldworker for completion. Fieldworkers can access asset health details directly from their tasks on a mobile device; asset performance managers are kept informed of key work status changes.

This release is the next significant step in breaking down communication barriers between work teams and improving the efficiency of asset management processes. The integration framework provides extraordinary value, not only to those customers leveraging the full ABB Ability Ellipse solution, but also to customers with Ellipse APM only, who can build upon previous investments, and leverage this integration framework to establish seamless integration with alternative EAM or WFM systems.

In addition to integration improvements, Ellipse APM 5.0 features improved evaluation and user navigation for hierarchical system assets, such as transmission lines. Health of subcomponents, such as structures and conductors, is rolled up into a summary status for the transmission line segment. Users can intuitively navigate through this hierarchical structure with release 5.0.

¹ Asset performance management
² Enterprise asset management (EAM) and workforce management (WFM)
Functional enhancements in Ellipse APM 5.0 further include:

- Email notifications for significant asset health changes
- Issue history visualization
- Offline bushings and LTC analyses for transformers
- IEEE, IEC and CIGRE range options for transformer dissolved gas analysis (DGA)

Finally, to meet the needs of our global user base, Ellipse APM is now generally available in Chinese and Spanish; other languages and local preferences can be supported through configuration.

Ellipse APM is a proven solution to identify failures at an early stage in order to prevent them. With over 30,000 assets under contract in production environments around the globe, it is the industry leader for asset performance management.

The solution enables a digital transformation from time-based or reactive maintenance to more cost-effective predictive and prescriptive maintenance practices, and helps customers optimize their assets’ lifecycle. Building onto the delivery enhancements made in the previous releases, Ellipse APM continues to be available via the Microsoft® Azure® cloud as a service (SaaS), or for on premise installation. It leverages standard interfaces to OSIsoft® PI and ABB Ability (CPM+) historians for online data input.

Through Ellipse APM’s open asset model interface, ABB shares its expertise via standard embedded models, and provides customers with flexibility to add other models and dashboards, to leverage Azure Machine Learning, and to accelerate prescriptive asset monitoring innovation.

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