ABB Ability™ EDCS
2019 Subscription offering

Below can be found all the services and add-ons related to ABB Ability™ EDCS
https://ekipsmartvision.abb.com .

Service descriptions:

Dashboard provides users with an entry-level energy management solution based on precon-figured widgets. Single or multi-site information is processed to display energy consumption and on-site power generation trends. Both the compelling user interface and the intuitive and immediate availability of data help users to check up on the most relevant information re-lated to different facilities.

Assets enables simplified and enhanced management of low-voltage power distribution sys-tem. Users can create a sketch or overview of the assets and link it to its "digital twin." Fur-ther, users can upload custom diagrams, photos, technical drawings of switchboards and plant synoptic panels. As in the social media world, these images can be made interactive through tags and markers. Users are now able to access, at any time, all the information they need for the devices monitored (as state of devices, present of alerts, maintenance, etc..).

Alerts provides the users with a plant watchdog. Users can customize alert on single meas-urement and device level to suit their needs and intervention plan. Moreover, they can prompt key personnel to take swift action at any time: notifications are sent to the chosen recipients via text messages and/or email. In this way, ABB Ability™ EDCS makes it possible to automat-ically check up on the electrical systems any time, identify abnormal operations and proac-tively restore performance.

Reports gives customer a dedicated report of different electrical measurement values for the time-period customer chooses. Reports function can be found under the optimize tab inside of EDCS platform.

Diagnostics lets users optimize system operating conditions evolving from a pure routine to need-based maintenance. The ABB Predictive maintenance algorithm makes maintenance smarter, quicker, and less expensive enabling the users to remotely monitor the health of their power system providing an accurate predicting maintenance analysis and optimizing service intervals only when needed.

Extra data depth saves historical data up to 5 years from starting of the subscription.

Power forecast add-on understands the patterns of power consumption of the plant and de-vices connected to EDCS. After an initial learning period of the algorithm, it forecasts the power consumption for the both plant and device level for the next 24-hour. Power forecast add-on widget can be added on EDCS Dashboard under the Overview tab.

Intelligent alerts continuously learns sites' and devices "normal" states for the power con-sumption. Intelligent alerts are adaptive setpoints that alerts the user when something unex-pected happens, such as failing equipment or abnormal usages. All the alerts are based on the

variation from the "normal" state defined by the historical data. User can see the occurred alarms under the "Alert" tab in EDCS.

For more information about the services, please see the manual.

http://search.abb.com/library/Download.aspx?DocumentID=1SDC200061B0204&LanguageCode=en&DocumentPartId=&Action=Launch

Delivery platform	Service name	Commercial code	Service description	Service level (Applicable/ Non-applicable)
EDCS	EDCS Unlimited Users Add-on	ABB1SDA104208R1	Extend access to 200 different users in EDCS platform	Non-applicable
EDCS	EDCS Extra data depth Add-on	ABB1SDA104209R1	Access historical data up to 5 years	Non-applicable
EDCS	Standard Access Tier S 1 year	ABB1SDA104210R1	1-year access to Dashboard, Assets, Alerts, Reports. Up to 5 connected devices	Applicable
EDCS	Standard Access Tier M 1 year	ABB1SDA104211R1	1-year access to Dashboard, Assets, Alerts, Reports. Up to 15 connected devices	Applicable
EDCS	Standard Access Tier L 1 year	ABB1SDA104212R1	1-year access to Dashboard, Assets, Alerts, Reports. Up to 30 connected devices	Applicable
EDCS	Standard Access Tier XL 1 year	ABB1SDA104213R1	1-year access to Dashboard, Assets, Alerts, Reports. Unlimited connected devices	Applicable
EDCS	Standard Access Tier S 5 year	ABB1SDA104214R1	5-year access to Dashboard, Assets, Alerts, Reports. Up to 5 connected devices	Applicable

EDCS	Standard Access Tier M 5 year	ABB1SDA104215R1	5-year access to Dashboard, Assets, Alerts, Reports. Up to 15 connected devices	Applicable
EDCS	Standard Access Tier L 5 year	ABB1SDA104216R1	5-year access to Dashboard, Assets, Alerts, Reports. Up to 30 connected devices	Applicable
EDCS	Standard Access Tier XL 5 year	ABB1SDA104217R1	5-year access to Dashboard, Assets, Alerts, Reports. Unlimited connected devices	Applicable
EDCS	Predictive Access Tier S 1 year	ABB1SDA104222R1	1-year access to Dashboard, Assets, Alerts, Reports, Diagnostics. Up to 5 connected devices	Applicable
EDCS	Predictive Access Tier M 1 year	ABB1SDA104223R1	1-year access to Dashboard, Assets, Alerts, Reports, Diagnostics. Up to 15 connected devices	Applicable
EDCS	Predictive Access Tier L 1 year	ABB1SDA104224R1	1-year access to Dashboard, Assets, Alerts, Reports, Diagnostics. Up to 30 connected devices	Applicable
EDCS	Predictive Access Tier XL 1 year	ABB1SDA104225R1	1-year access to Dashboard, Assets, Alerts, Reports, Diagnostics. Unlimited connected devices	Applicable
EDCS	Predictive Access Tier S 5 year	ABB1SDA104226R1	5-year access to Dashboard, Assets, Alerts, Reports, Diagnostics. Up to 5 connected devices	Applicable
EDCS	Predictive Access Tier M 5 year	ABB1SDA104227R1	5-year access to Dashboard, Assets, Alerts, Reports, Diagnostics. Up to 15 connected devices	Applicable

EDCS	Predictive Access Tier L 5 year		5-year access to Dashboard, Assets, Alerts, Reports, Diagnostics. Up to 30 connected devices	Applicable
		ABB1SDA104228R1		
EDCS	Predictive Access Tier XL 5 year		5-year access to Dashboard, Assets, Alerts, Reports, Diagnostics. Unlimited connected devices	Applicable
		ABB1SDA104229R1		
EDCS	EDCS Predictive Emax 2 Add-on	ABB1SDA104234R1	Predictive maintenance for Emax 2 air circuit breaker Add-On - REQUIRES STANDARD ACCESS	Non-applicable
EDCS	Intelligent Energy Alerts Tier S Add-on	ABB1SDA113900R1	Detects abnormal energy usages on the plant	Applicable
EDCS	Intelligent Energy Alerts Tier M Add-on	ABB1SDA113901R1	Detects abnormal energy usages on the plant	Applicable
EDCS	Intelligent Energy Alerts Tier L Add-on	ABB1SDA113902R1	Detects abnormal energy usages on the plant	Applicable
EDCS	Intelligent Energy Alerts Tier XL Add-on	ABB1SDA113903R1	Detects abnormal energy usages on the plant	Applicable
EDCS	Power forecast Add-on	ABB1SDA113904R1	Power forecast for the next 24 hours	Applicable