

Electrification X Data Sheet: USA Deployment



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This part of Documentation as provided herein is applicable to all Electrification X Offerings, regardless of the Feature sets that the Customer may purchase. Each Electrification X Feature set provides its own Product Sheet with the detailed description of the features and functions offered, and thereby comes with the necessary further Documentation for the Customer's reference.

This Data Sheet covers the following descriptions:

- [Applicable limits per Electrification X Tenant](#)
- [Available base functionality per Tenant, and per connected site, irrespective of the purchased feature set](#)
- [Electrification X Cloud Services availability](#)
- [Availability of Electrification X Cloud Services](#)
- [Data Center Location](#)
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- [Security Information](#)

[°] a Tenant is a representation of a real-world organization. It covers properties such as users, data, Assets, entities and others.

Applicable limits per Electrification X Tenant	Document storage: 10 GB Data retention period for time series data: 3 years Data retention period for events: 10 years Number of Users: 1000 Number of roles: 6 (fixed) Number of User groups: 50 Number of partitions (areas of responsibility): 8
Available base functionality per Tenant	Login Account information User management General notifications Dashboard functionality Asset topology IoT connectivity monitoring Subscription information Filter, sort, and search for navigation Geographical map Event list Alarm list Document database Measurements and process visualization with scalable vector graphics (SVGs) Configuration of asset topology and signal assignment
Available base functionality per connected site	IoT Connectivity for one site using Siemens IoT Gateways (refer to our individual product sheets or check with Siemens entity for details)
Availability of Electrification X Cloud Services	Siemens shall use commercially reasonable efforts to make the Electrification X Cloud Services available for a monthly uptime percentage of ninety-eight percent (98%). Month means a calendar month. Total Time means all of the time during a Month (in minutes), less any time attributed directly or indirectly to Exclusions (see below). Uptime means all of the time during a Month (in minutes) when the cloud services are available for production use (i.e., user logon and access and use of user interfaces.) Monthly availability means the percentage of time the Cloud Services are available on average during a Month, based on Uptime and Total Time. Exclusions consist of mean unavailability or any other performance issue causing downtime of the Cloud Services as a result of: (i) scheduled maintenance within a Regular Maintenance Window; (ii) planned downtime, agreed downtime, routine & scheduled maintenance

	<p>within a regular maintenance window, and emergency maintenance for which at least 24 hours prior notice is provided to Customer,</p> <p>(iii) cyberattacks</p> <p>(iv) the public, third party and/or customer's internet and communications networks</p> <p>(v) data, software, hardware, telecommunications, infrastructure, power, or networking equipment not provided by Siemens</p> <p>(vi) customers' and Users' negligence or failure in using the Cloud Service and/or in not following the instructions of published documentation</p> <p>(vii) system configurations and platforms not supported by Siemens</p> <p>(viii) actions or inactions of Customer or any third party;</p> <p>(ix) unauthorized access via Customer's credentials and/or</p> <p>(x) any other failure and/or factors outside of Siemens reasonable control</p>
Data Center Location	The data and all other information are currently stored by Electrification X in data centers located in the USA (Amazon Web Services' region "us-east-2"). The data centers are operated by a third-party provider who is contractually bound in terms of the location of data processing.
Prerequisites	<ul style="list-style-type: none"> • Internet access for Users of the Electrification X Offering • Desktop PCs running Windows, tablets running Google Android or Apple iPadOS operating systems • The recommended screen resolution is 1920x1080 pixels or higher. The Electrification X offering requires at least a recent version of Windows, Android or iPadOS and a recent version of Google Chrome, Microsoft Edge, or Apple Safari • Siemens ID account for each User, details can be found in the FAQ • Digital certificates for IoT gateway connectivity with the Electrification X Cloud Services
Scaling factors for the pricing	<p>Assets: refer to our individual Electrification X product sheets or check with Siemens entity for details</p> <p>Features: refer to our individual Electrification X products sheets or check with Siemens entity for details</p>
Third-party Terms	<p>Siemens Building X – Additional Data Privacy Terms Annex(es) under: https://www.siemens.com/dpt/si</p> <p>Maptiler AG: The Electrification X offering utilizes map services provided by MapTiler AG, Switzerland and map material by OpenStreetMap Foundation, United Kingdom (OSMF) to display locations on a geographical map. Electrification X will connect to servers operated by the MapTiler AG on your behalf. MapTiler AG ensures minimal latency by selecting the geographically closest server to the visitor by IP anycast service based on the actual user location (link). Your personal and non-personal data, except anonymized location attributes, are never exposed to MapTiler or the OSMF. Content is used under copyright (link)</p>
Export Control regulations	AL: N ECCN: N
Security Information	<p>Secured IoT connectivity:</p> <p>The IoT endpoint provided by Electrification X is strictly secured by TLS (Transport Layer Security) protected communication using state-of-the-art security mechanisms, e.g., by use of X.509 certificates signed by your own Certification Authority (CA). The CA certificate is assigned to your Electrification X Tenant to ensure that IoT data received from your data collector is correctly stored in your Tenant. This process is normally referenced as peer validation. As an additional factor the payload is encoded, the publisher ID is given for every client, and the data published to the cloud is bound to the tenant by the assigned certificate.</p>
	<p>Security concept:</p> <p>To protect stations, systems, machines and networks against cyber threats, it is necessary that you implement a holistic, state-of-the-art substation security concept and continuously maintain the same. For more information, refer to www.siemens.com/gridsecurity</p>
	<p>Certification:</p> <p>Our management systems are based on principles of Siemens AG concerning quality, environmental, occupational health and safety protection as also information security and industrial/OT security. They meet the demands of internationally approved norms and standards such as ISO 9001, ISO 14001, ISO 45001, ISO 27001, IEC 62443 etc. You may find the certificates for Smart Infrastructure Electrification & Automation (SI EA)</p>