e-terra settlements 3.0
The Next Generation Solution for Settlements for Market Participants
e-terra **settlements 3.0**

The new e-terra3.0 is the most advanced, fully integrated, smart grid-ready suite of products for the 21st Century Grid. e-terra3.0 is developed by the world’s leader of energy management and electricity market systems and THE only player in the industry who offers a full solution from market-to-meter for the new grid. Your Grid. Reinvented.

**Business Challenges**

Energy markets and transmission systems are intricate entities with multiple products, customized business rules, and real-time delivery and operational needs. Participants enter business-critical market transactions or transmission contracts, and then rely on a settlement system to finalize the charges, credits, costs and fees associated with their financial transactions.

Alstom’s e-terra **settlements 3.0** is the solution you need to perform this objective effectively, efficiently, and with high accuracy for one or multiple markets. When using e-terra **settlements 3.0**, you can rest assured that all the results are auditable and can be easily traced back step-by-step to their point of origin.

This new generation e-terra **settlements 3.0** meets and anticipates the requirements of the ever-evolving energy markets or regulated activities, encompassing not only traditional products for multiple markets but also smart grid programs, such as demand response.

---

**Customer Benefits**

By leveraging the company’s 15+ years of energy markets experience and over 30 years in development of energy systems and markets software, Alstom Grid has developed this field-proven settlements platform offering you:

- **A lower cost option to operate and support** your settlement solution that is user configurable and employs standards-based technology.
- **Highly adaptable solutions** that can be easily modified to meet any regulatory or market rules revisions for multiple products **without software changes**.
- **A flexible solution** that can manage multiple products in multiple markets or regulated environments simultaneously and be configured and automated to match your business process.
- **An intuitive user interface** that includes a graphical representation of the settlements equations and straightforward ways to get your data into familiar tools such as Microsoft Excel™.
- **Automatically generated documents** for settlements equations.
- **Easy comparisons of settlements statements** using graphical representations that identifies differences at a glance.
- **Easy submission of disputed charges**.
- **Fast computation cycles** to help you produce your settlements statements as soon as possible and support quick decisions making.
- **One central solution** that reduces the overhead and maintenance costs associated with storing data in multiple locations.
- **A high-performance, scalable, and open system** that can easily be integrated with other components of your IT system.

---

**Customer Profile**

- Market Participants
Key Features

An advanced and task oriented user interface

The latest generation of e-terra settlements 3.0 uses powerful tools and visualization for analyzing data and operating the system, such as:

- Configurable and customizable dashboard
- Role-based user’s “To Do” list
- Advanced drill-down analysis of the results
- Graphical representation of differences between settlements statements
- Graphical representation and editing capability of the settlements calculations’ dependencies
- Interactive business process monitoring, control, and auditing

A flexible configuration-based advanced calculation engine

Frequent updates of market rules by regulators are a fact of life. e-terra settlements 3.0 allows you to manage these changes in a seamless and timely manner. These changes are simply configured without software modifications by using the rule-based calculation engine. Moreover, you have the possibility to link to your formulation equation the applicable section within the market protocols.

A high performance settlements solution

The new generation of e-terra settlements 3.0 leverages many years of experience in operating and settling energy markets around the world. Thus, our high-performance calculator is capable of handling large-scale, complex data and market rules for multiple markets and products simultaneously. This allows you to also run pre-settlements calculations without waiting for your market operator statement publication.

An open architecture with numerous integration points

e-terra settlements 3.0 uses a business process modeling and orchestration framework that allows the system to adapt to your real-world processes and not the other way around.

e-terra settlements 3.0 also seamlessly integrates into your Enterprise IT through an open architecture with numerous points of integration:

- Established, well-documented open source frameworks enable you to easily integrate with third-party software
- Public APIs and message queues for external system integration