

# SIMILIX SKETCH TOOL FOR ARCGIS



## Easy sketching on tablet & PC

*In the utility industry it is key to have processes and tools for making solution design for new installations: This will not only secure the feasibility and quality of extensions to the utility network, but also provide an accurate data representation of the real-life network, which is a prerequisite for efficient operation, maintenance and optimization.*

The Similix Sketch Tool is a tool for making sketches of future installations in the utility network. It enables project managers, engineers and designers to express initial design considerations and requirements in quickly drawn sketches. These sketches will then be the foundation for the detailed design of the actual solution.

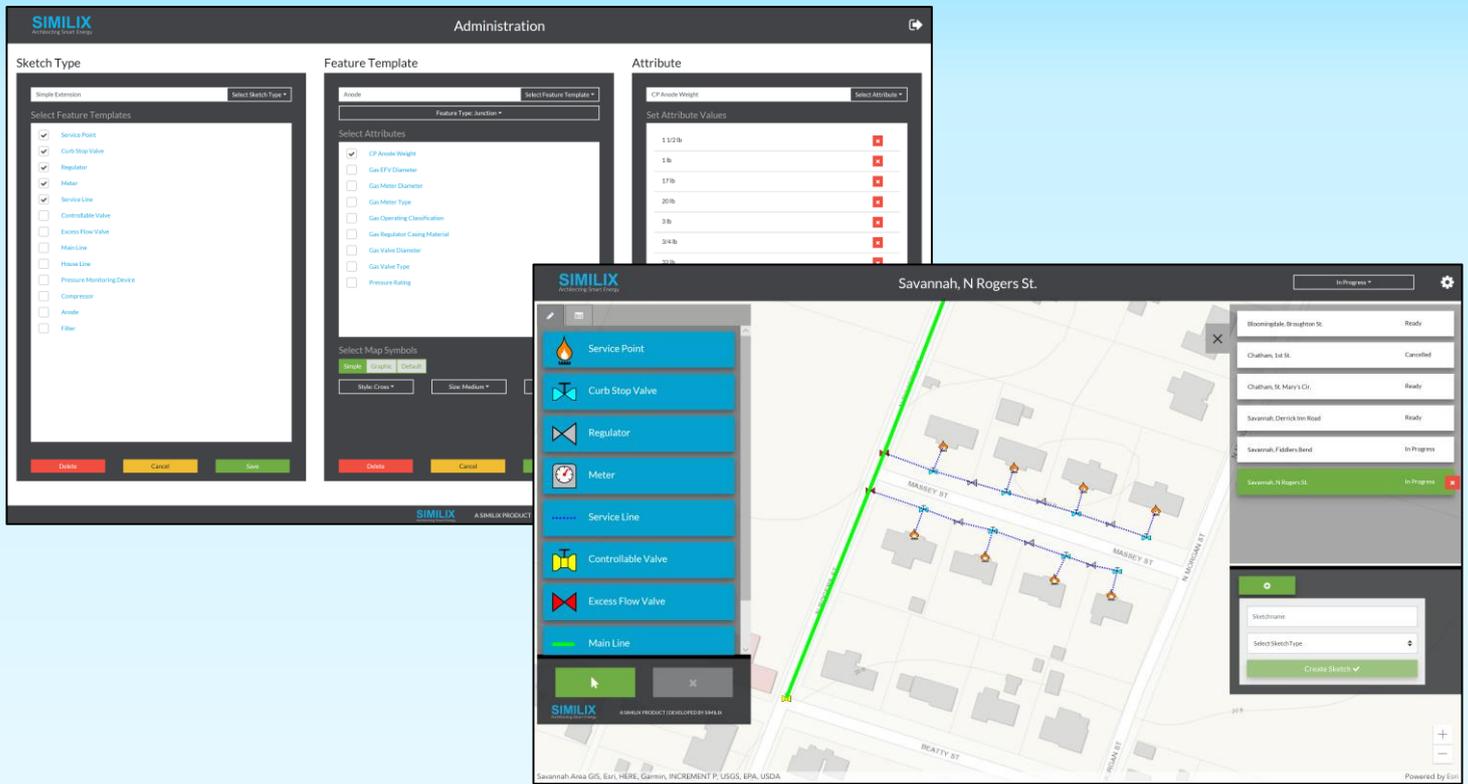
The driving principle of the Similix Sketch Tool is simplicity and ease of use. It is designed to be accessed on mobile devices in the field, where the conditions and the work environment necessitate simple and intuitive functionality. However, the exact same application can also be used back-office. With that approach the user can work with the Similix Sketch Tool after just a short introduction, and thus does not require any in-depth training or access to extensive training material.

The Similix Sketch Tool is based on a concept of sketch templates that you can configure yourself to support your specific sketching needs without impacting the user experience.

With the Similix Sketch Tool, you are getting a professional tool for sketching - a tool that will streamline your work processes and shorten the time from customer request to delivered service.

### Benefits

- Streamlining work processes to shorten time from customer request to solution design
- Easy to use for rapid sketching, no training required
- Configure your own sketch templates that support your specific needs
- Works on top of your own maps
- One application for both on-site and back-office use
- 100% web-enabled, built on standard Esri ArcGIS technology, no client installation needed



## Key Features

### Easy sketching

The Similix Sketch Tool is based on a concept of sketch templates that are being pre-defined and pre-configured by the utility. When a sketch is created for a new customer request, one of the pre-defined sketch templates is selected, and the full framework of possible elements, user rights, and process flows are automatically being established for that sketch. Thus, the user can immediately start working on the sketch without any further configuration.

### Process support

With the Similix Sketch Tool the utility is not only getting a tool for creating sketches of possible solutions for the given requirements. The Similix Sketch Tool also comes with a full repository solution that supports control of user rights, versioning of sketches, and process flow control. Consequently, the work processes around defining and sketching solutions can now be fully digitized making hard-copies and paper work obsolete.

### Deployment and integration

The Similix Sketch Tool is a fully web-enabled solution that can be deployed on-premise or in the cloud. It is based on standard Esri ArcGIS technology, such that map layers and feature layers from the utility Esri ArcGIS solution, can be made available in the Similix Sketch Tool. The seamless integration with the underlying Esri ArcGIS solution also ensures that all sketches comply to the data model of the utility and may thus

## Technology

### Builds on Esri ArcGIS Utility Network

The Similix Sketch Tool is integrated into the Esri ArcGIS Utility Network Extension. This implies that the utility with the Similix Sketch Tool is accessing state of the art GIS functionality specifically targeting the utility industry with all the associated benefits and features.

### Service oriented architecture

The Similix Sketch Tool consists of a web-based frontend with a user interface optimized with respect to usability when making sketches. The Similix Tool Backend provides a fully transparent service layer and a rich business logic that controls the configuration of sketch templates and workflow logic. Thus, the administration of the sketch tool resides outside the Esri ArcGIS Utility Network, providing full flexibility and easy administration.

The actual sketches are stored in the Esri ArcGIS Utility Network, such that the rich functionality of the Esri ArcGIS Utility Network is available when accessing, handling, and displaying sketch features.

The Similix Sketch tool will fit into the Similix Design Suite ensuring an integrated process flow and a well-structured information management setup such that the project delivers the solution according to the customer's expectations.

## For further information

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