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ARTIS



ARTIS, the Availability and Reliability Tracking Information System, is a web-based application for calculating the available capacity of continuous production and consumption systems. ARTIS has been designed for large and complex systems that consist of many facilities, each of which may be subject to capacity variations, inspection, testing, failure, repair and maintenance. It is applied to renewable energy projects, oil and gas projects, gas liquefaction plants, refineries, chemical plants, power plants and transport networks.

ARTIS calculates the available capacity levels of a system, their frequency and duration and the integrated system availability, all relative to demand.

It can also calculate the conditional results that are based on the current state of the facilities. This is the 'Live Application', called ARTIS Live.

ARTIS has two components:

- a user interface running in a web browser
- a secure cloud service for making the runs

The user interface relies heavily on HTML5 web browser functionality and the Cloud service is running on a secure Linux platform. The ARTIS user interface is open source under [GPL version 3](#). It will remain HTML5 compliant.

The user interface calls upon the ARTIS Cloud service for making the runs, and you'll need to be online for that.

Service Agreement

For testing, demonstration, and other non-commercial purposes, small models can be run free of charge on the public ARTIS server.

For commercial use, [SecuoS](#) offers both long- and short-term service agreements under which you can run your models on your own dedicated servers. The security of that service is [guaranteed](#).

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