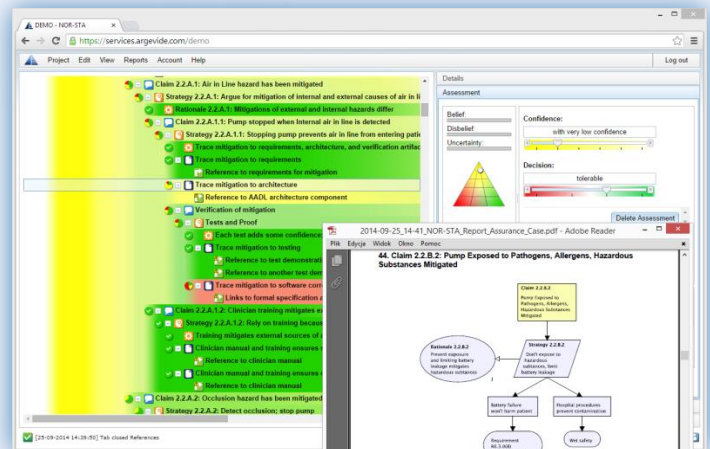


# Argevide NOR-STA

## Tool for effective assurance case management

Argevide NOR-STA is a web-based software tool facilitating:

- ▶ operating large evidence-based arguments,
- ▶ communication and teamwork,
- ▶ managing complex and distributed evidence,
- ▶ argument assessment and visualization,
- ▶ change control and state reporting,
- ▶ argument reuse,
- ▶ argument owner's data security,
- ▶ interoperability with ARM/SACM data formats,
- ▶ argument portfolio management.



## Areas of application

### Conformance cases

NOR-STA supports **conformance cases** while achieving and assessing conformity with standards and other normative documents.

NOR-STA has been successfully used to support standards conformity in health, food, public administration and other sectors.

### Assurance cases

NOR-STA supports **assurance cases** while achieving and demonstrating specific assurance objectives.

Suitability of NOR-STA has been already demonstrated for:

- ▶ **safety cases**
- ▶ **privacy cases**
- ▶ **security cases**

NOR-STA has been applied in US FDA research project 'Open PCA Pump Project' carried out by SAnToS research group at Kansas State University for presenting a medical device assurance case.

You can browse the project at: [openpcapump.santoslab.org](http://openpcapump.santoslab.org) or [argevide.com/en/demo](http://argevide.com/en/demo).

## How can I use NOR-STA?

### NOR-STA on-line services

- ▶ You use your browser to operate NOR-STA.
- ▶ You do not have to install any software.
- ▶ Evidence can be stored in NOR-STA repository or you can use your own repositories.

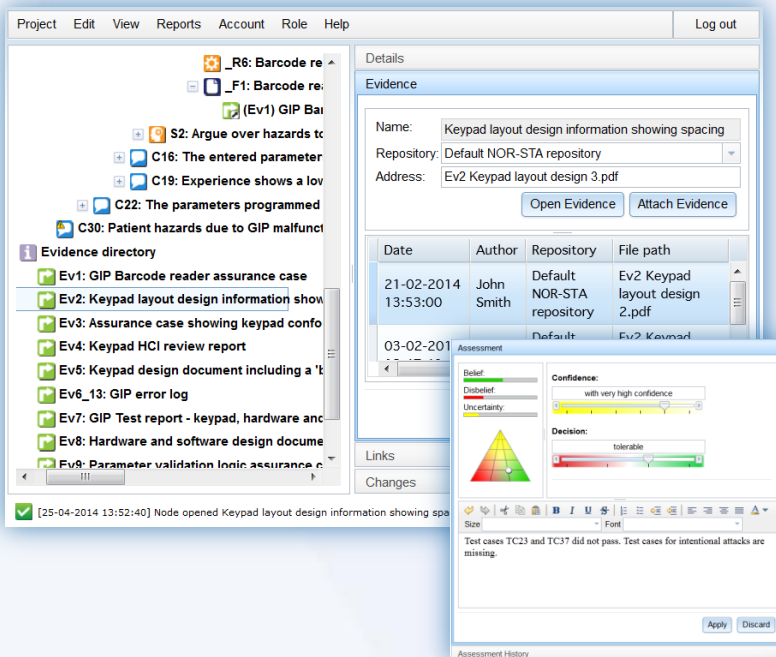
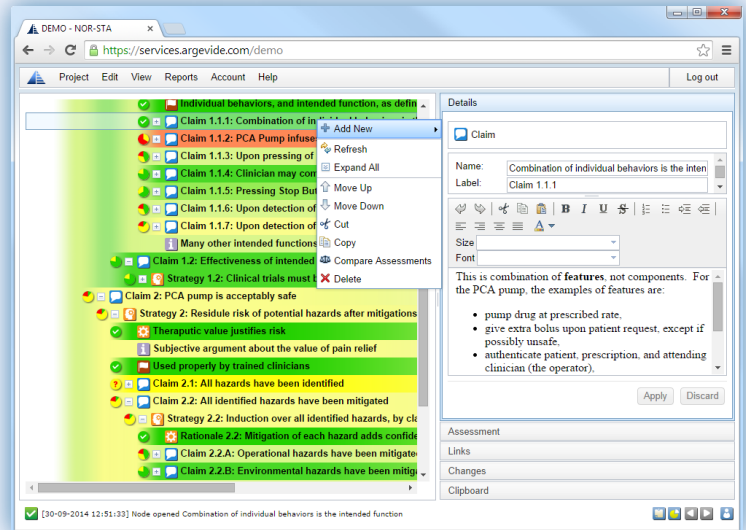
### NOR-STA server license

- ▶ You install NOR-STA on your own server and use it in your network.
- ▶ You manage all your data and its security.
- ▶ NOR-STA will not require connection to any external server.

Argevide offers reduced rates for academic and R&D purposes.

You will find more information on NOR-STA on our website: [www.argevide.com](http://www.argevide.com).

- ▶ You can **develop** and **manage** large and complex argument structures.
- ▶ Tree view in NOR-STA facilitates **browsing large arguments**.
- ▶ You can easily **copy and paste** fragments of the argument.
- ▶ You may use various options of **report generation**.
- ▶ NOR-STA is compliant with **ISO/IEC 15026** requirements.
- ▶ You can use OMG **ARM/SACM** import and export functions. Any ARM/SACM project can be easily imported to NOR-STA.
- ▶ When needed NOR-STA can generate **GSN** diagrams for your reports.



- ▶ You can store the **evidence documents** in NOR-STA repository or integrate NOR-STA with your own repository.
- ▶ You can easily **open any evidence document** from NOR-STA while browsing the argument.
- ▶ For PDF files you can refer to a **selected page or document element** (diagram or section).
- ▶ You can make **assessments** of the evidence and inference rules.
- ▶ NOR-STA will **automatically calculate** the overall result of the assessment and use colors to present it on the screen.
- ▶ You can use one of seven **different assessment scales** (from simple true/false scale to Dempster-Shafer scale).

- ▶ NOR-STA facilitates **change management**.
- ▶ You can browse **history of changes** and view the state of an argument for a given date or version.
- ▶ NOR-STA provides for **reviewing changes** since an indicated date by highlighting the affected argument elements.
- ▶ NOR-STA supports you in **managing multiple arguments**.
- ▶ NOR-STA provides for defining **user permissions** for viewing, editing, assessing and managing arguments.
- ▶ Argument **templates** and **patterns** can be grouped into libraries (folders) to facilitate their reuse.

