

Goal-based approach to System Assurance

Argevide NOR-STA

implements assurance case approach to support efficient system assurance:

- ✓ system safety
- ✓ system security
- ✓ conformance
- ✓ dependability



Effectiveness

- ✓ Systematic process with integrated verification steps
- ✓ Self-assessment and third-party assessment
- ✓ Early involvement of interested parties, sharing information for feedback

Online collaboration

- ✓ Shared workspace for all involved parties
- ✓ Online access to the integrated assurance case, evidence, and the assessment
- ✓ Role-based access management for each assurance module

Traceability and auditability

- ✓ Automatic tracking of goals to requirements, evidence, and assessment
- ✓ Maintaining change history and audit log
- ✓ Baselines, past state revisions and restoring any past version

Scalability and adaptability

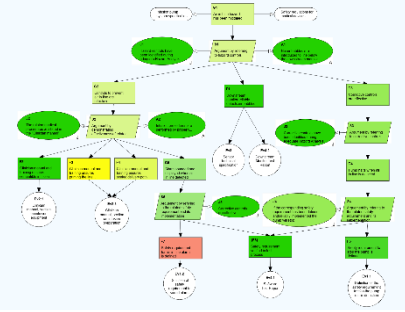
- ✓ Modular approach and templates specific for standards and product types
- ✓ Easy integration with other systems via API
- ✓ Use of live data for continuous assurance



ARGEVIDE

March 2023

Effectiveness & traceability



NOR-STA is a platform for goal-based assurance management.

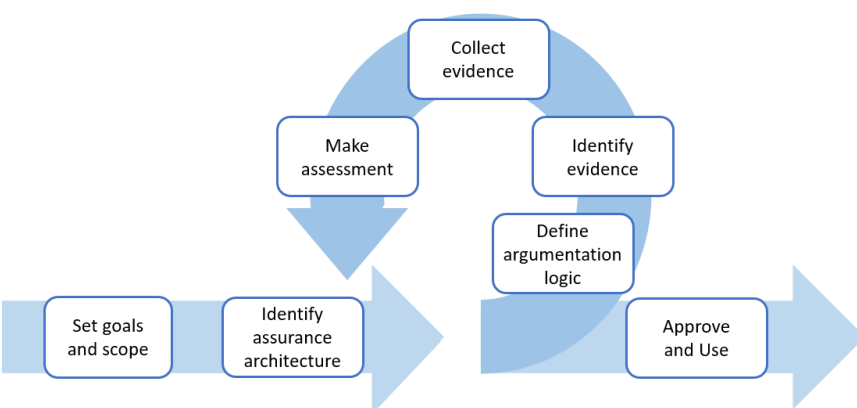
You can manage system assurance cases and cases for compliance with any standards **in one place**

Using NOR-STA you can

- define assurance goals
- manage assurance case modules
- develop assurance cases
- define assessment criteria
- collect evidence
- perform self-assessment
- manage third-party assessment
- report results
- manage changes



NOR-STA supports assurance process integrated with iterative system life cycle.



NOR-STA will help you:

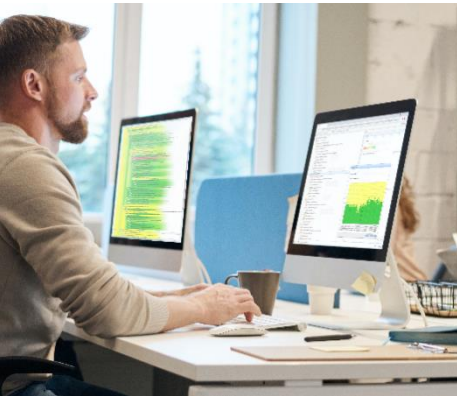
- develop assurance cases faster
- track dependencies
- effectively manage changes
- quickly find weak points of system assurance

NOR-STA implements assurance cases compliant with

- ISO/IEC 15026 "Systems and software assurance"
- OMG SACM "Structured Assurance Case Metamodel"



Efficient **cooperation** in large-scale assurance projects



Cooperation platform for

- assurance teams
- suppliers
- auditors
- certifiers
- managers



Cooperate and **involve** all parties to find effective strategies to achieve assurance and conformance goals



Perform **self-assessment** before third-party evaluation.
Monitor assurance level of suppliers



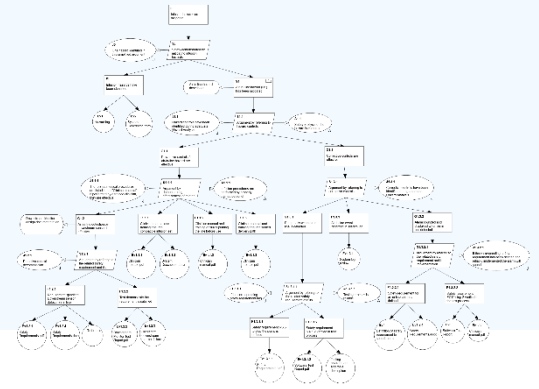
Scale up your assurance case projects with
agile and **modular** assurance approach



Use assurance **templates** to collect and reuse proven schemas and best practices



Easy integration in the toolchain

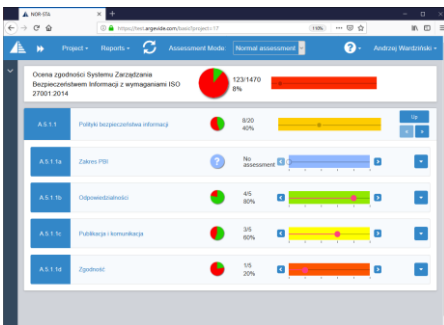


NOR-STA is a web application which can be easily integrated with other systems to enable the information transfer. Other systems may:

- specify assurance goals and requirements,
- provide evidence, including real-time data,
- be fed with NOR-STA data related to system assurance and conformance.



Single Sign-On
for Microsoft ADFS and Azure AD



Built-in integration
with evidence repositories

- ✓ Microsoft **SharePoint**
- ✓ Atlassian **Jira**
- ✓ Atlassian **Confluence**



XML data export and import
for reporting and data transfer



Application Integration with API
using REST web services

944

945

946

947

948

949

950

951

952

953

954

955

956


957

958

```
<claim id="665407353" tid="a4c9d73f-c294-4a6d-a1cb-22c2c3d07f4">
  <label manual="false">CR 6.2</label>
  <name>Continuous monitoring</name>
  <tags>SI2</tags>
  <description></description>
  <parent>665407350</parent>
  <assessmentHistoryEnabled>>false</assessmentHistoryEnabled>
</claim>
<claim id="665407354" tid="3c58bdf3-2f3e-4fd3-b619-ed7c30929f63">
  <label manual="false">FR7</label>
  <name>Resource availability</name>
  <tags />
  <description></description>
  <parent>665407263</parent>
  <assessmentHistoryEnabled>>false</assessmentHistoryEnabled>
</claim>
<argument id="665407355" tid="a87f171e-35c6-4247-af88-898041e3f2d6">
```

For more information
visit our website
or contact us at
office@argevide.com

www.argevide.com

 ARGEVIDE