INTEGRATION TO NuGenesis© SDMS
Scientific Data Management Systems such as Waters NuGenesis™ are used by researchers to manage data and documents generated by instruments, researchers and collaborators. The integration of NuGenesis™ in E-WorkBook allows researchers to easily reference key metadata within an experiment.

**How is the tool used in practice?**

With the integration, researchers can invoke a NuGenesis™ folder view, which allows them to directly browse and select files in the SDMS to attach. These files can then be opened in NuGenesis Vision™ for viewing.
**How does it work?**

Within an experiment, users select a SDMS item type to insert into an experiment, which prompts the user to authenticate to a NuGenesis™ instance. The user can then browse the SDMS repository and select views and files to link to the E-WorkBook record. Additional filtering is possible to allow the user to quickly identify the file of interest e.g. by typeahead filtering on a property, or rank ordering a date column. Users may select multiple files to attach in a single operation. Returning to the E-WorkBook Record allows the user to see the SDMS hyperlinks to the metadata within the experiment. Linked files can be opened in NuGenesis Vision™, directly from the E-WorkBook record.

**How is it deployed?**

The NuGenesis™ integration component is installed within the E-WorkBook infrastructure, but also has a corresponding agent in the customer network that communicates directly with the NuGenesis™ client. The integration is configured using an administrator editable file, which may contain login details to streamline the authentication process. These details are stored in an encrypted manner which helps to ensure security and integrity of the system.

**What services/software does IDBS provide?**

- IDBS Professional Services team will install, configure and test the integration on the customer site

**What does the Customer need to provide?**

- Availability of the system administrators who manage the E-WorkBook instance (if on-premise) and the SDMS
- GxP validation of the integration component is to be addressed by the PQ process

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**SDMS INTEGRATIONS**

**CORPORATE NETWORK**

- **END USER ACCESS VIA BROWSER**
  - SDMS INTEGRATIONS https call to ESI endpoint from web hooks triggered by user in E-WorkBook web client

**IDBS E-WORKBOOK CLOUD VPC**

- **IDBS Customer Support, SRE and Service Access**
  - PORT 8443
- **ESI**
  - PORT 8443

**LOAD BALANCER**

- ** INTERNAL SERVICES**
  - https calls to E-WorkBook RESTful services

**NuGenesis Client**

**NuGenesis Agent**

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So are you ready to make the move to the cloud?
Talk to one of our experts today:
contact@idbs.com

IDBS helps research and development (R&D) teams around the world make discoveries that have the potential to transform the lives of populations worldwide.

Our advanced scientific informatics platform, The E-WorkBook Cloud, enables organizations to securely capture, manage, share and exploit their structured and unstructured data.

Our diverse customer list includes 22 of the top 25 global pharmaceutical companies, and other R&D-driven organizations in biotechnology, agricultural sciences, chemicals, consumer goods, energy, food and beverage, and healthcare.

Privately held since 1989, IDBS joined Danaher’s Life Sciences platform at the end of 2017. IDBS will help provide the foundation for a portfolio of life sciences informatics and knowledge management solutions, within Danaher, that will accelerate the speed of discovering, developing and producing new drugs and therapies.