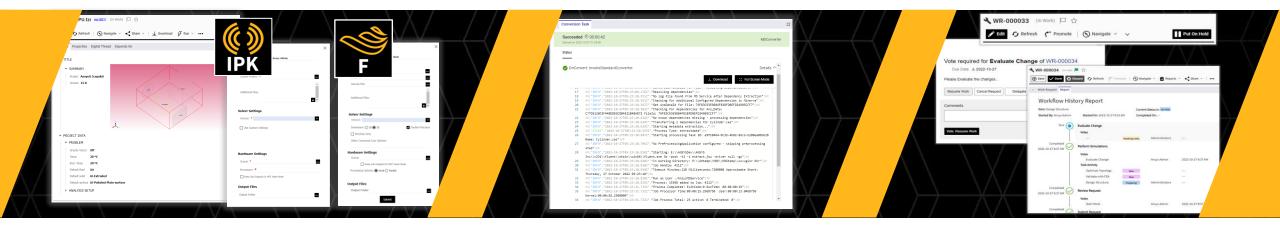
Release 2023 R1 Highlights
Ansys Minerva



Engineering Productivity Through Efficient Simulation Process and Data Management



Icepak and Fluent Support

- ✓ Easier management of Icepak projects with Metadata extraction and Job submission
- ✓ Enhancements on the Fluent integration with local application support
- ✓ Target Audience:
 - Electronics Development Teams who rely on *Ansys Icepak* to provide powerful electronic cooling solutions
 - CFD teams that utilize the industry leading Ansys Fluent computational fluid dynamics (CFD) solver for thermal and fluid flow analyses

Metadata Extraction Logging

- ✓ Ease troubleshooting of Metadata Extraction Tasks
- ✓ Single UI collecting all the Logs created during Metadata Extraction
- ✓ Collapse/expand sections
- Collect statistics about MD Tasks (CPU, RAM, Disk Usage, etc.)
- ✓ Target Audience: Method and Tools Teams involved with additional product integrations within Ansys Minerva

Business Process Management

- More capabilities around Change Management
- ✓ Put your ongoing Business Process on hold at any time to account for input changes
- ✓ Better access to the Work Request Report
- ✓ **Target Audience:** Engineering Teams using Business Process Management to orchestrate their simulation activities



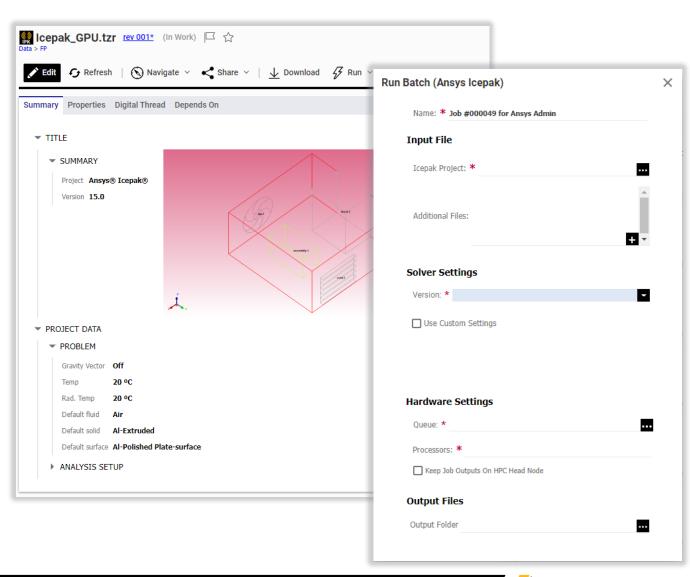
2023 R1: Product Release Detail



/ Icepak Support

Easier management of Icepak Projects

- Icepak Project file support (.tzr)
- Metadata Extraction and Reports available
- Job Submission

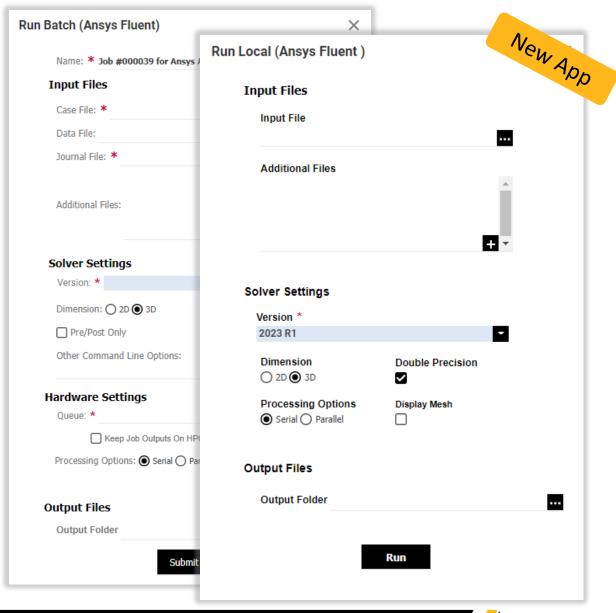




Fluent Support Enhancements

Better management of Fluent workflows

- Already existing:
 - Metadata Extraction for Case and Data
 - Job Submission
- Added in 23R1:
 - Local Application with Parameters

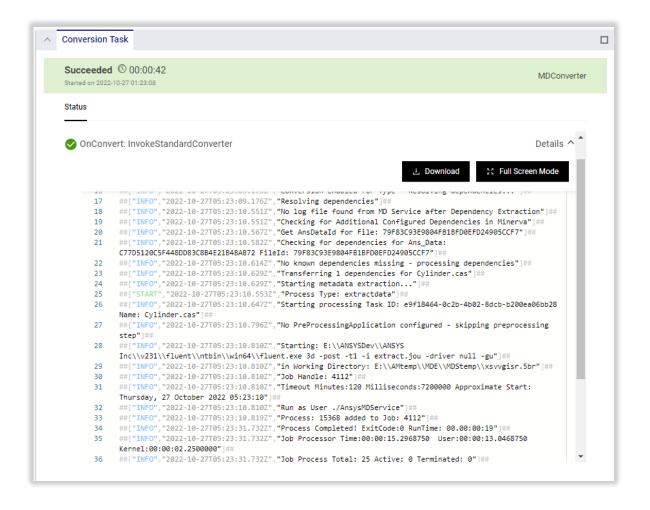




Metadata Extraction Logging

Ease troubleshooting of Metadata Extraction Tasks

- Single UI collecting all the Logs created during Metadata Extraction
- Collapse/expand sections
- Collect statistics about MD Tasks (CPU, RAM, Disk Usage, etc.)

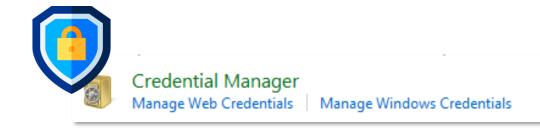






Other enhancements about security and performance

- Performance enhancements on item deletion
- Enhanced security with the Metadata Service Password stored in the Windows Credentials Manager
- Ongoing migration to .Net6 for better security and performance



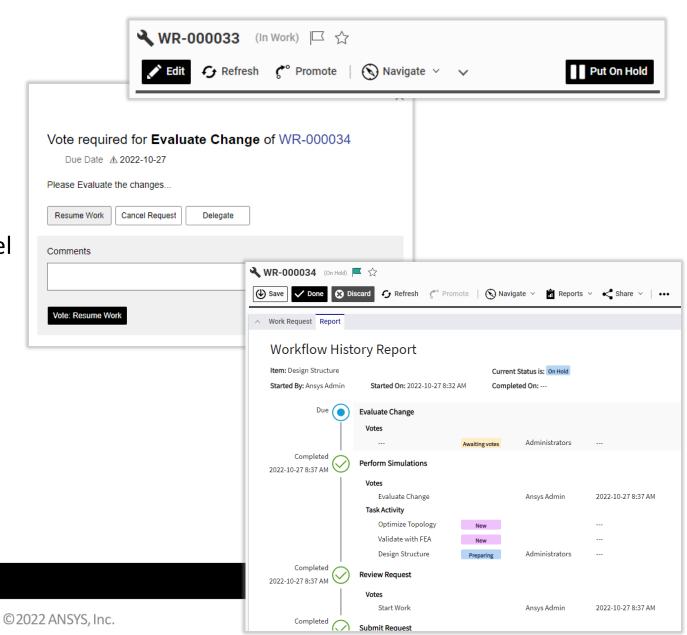




Work Request Enhancement

Interrupt an ongoing Work Request easily

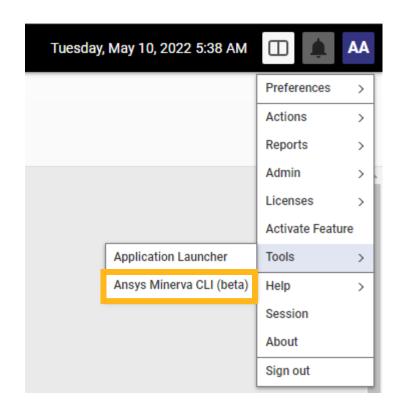
- At any time, put the Work Request On Hold
- Take appropriate actions and resume or cancel the work
- Data in cloned Task moved to dedicated Branches
- Better accessibility of the Work Request Reports



Command Line tool (beta)

Ease integration of 3rd party integration

- First phase of the Generic Framework Connector
- Upload/download files with a command line tool
- Maintain the Digital Thread
- Stage/Unstage
- Release agnostic





Ansys