

HOW THE RACE IS WON WITH A FULLY DATA-CENTRIC WORKFLOW

See how you can streamline project data handoffs while improving quality, accuracy and overall profitability.

Save
30-50%
in FEED & Detailed
Engineering Effort

CONCEPTUAL **DETAILED BASIC DESIGN DESIGN BUILD OPERATE** MAINTAIN **ENGINEERING** Explore more options Move FEED data directly Monitor key equipment for Automated generation Easily incorporate changes A comprehensive faster with the #1 process of project deliverables into Hexagon Smart boost productivity and digital twin, inclusive potential failure signals; simulation software. such as data sheets. P&ID and Smart reduce construction of both the plant view issues in context of concurrent engineering Instrumentation to problems. Share data infrastructure P&IDs and 3D Models. expedite detailed between estimating and integrated economics. and the chemical engineering. and project processes. Faster,

controls to stay

on track.

Document Centric

Data Centric

powered by AspenTech and

design and engineering data

Hexagon — shares digital

across the asset lifecycle.

Integrated solution

S

Traditional method of sharing files (.doc, .xls., .pdf, etc.)

Engineers work from multiple systems creating multiple documents, creating unnecessary complexity and siloed processes. Document based deliverables can't keep up with changes. Manual data entry introduces errors and slows process. Engineers spend weeks looking for information that is out of date, resulting in errors and omissions.

Problems develop during construction due to incomplete and incorrect engineering data. Project budget and schedule go off track.

Lack of digital twin with integrated process and physical plant data make trouble shooting and optimizing plant operations difficult.

safer start up

maximize through put, quality

and uptime.

and deeper operational insights support better decisions that

Out of date documents and engineering data result in sub-optimal operating plans and inability to predict failures. Plant plagued by unplanned downtime, and poor financial performance.

The Key to Data-Centric Workflow

AspenTech's process modeling and plant operations software combined with Hexagon's 3D models and intelligent P&IDs result in comprehensive, dynamic digital twin to optimize design, engineering, operations and maintenance for a more profitable project and plant.