

ANS Is Being Deprecated

Effective with the September 2026 release, we no longer support ANS across the Flow Simulation product suite.

WHAT ANS DID

ANS (Automated Network Sizing) was built to optimize a fully designed piping network near the end of the design process. Once a model was complete, ANS could calculate operating and capital costs and then recommend pipe diameters, materials, and other parameters to minimize total cost.

WHY WE'RE DEPRECATING IT

Three main factors made continued investment in ANS unsustainable:

- **Low adoption:** Very few customers purchased licenses for it.
- **High support burden:** The customers who did use ANS ran into frequent questions and configuration issues, making it one of the most support-intensive modules relative to its user base.
- **A costly rebuild:** This release moves our core numerical library from 32-bit to 64-bit architecture, part of the broader stability and performance work across all Flow Simulation products. ANS's optimization engine was a 32-bit library, so supporting it going forward would have meant rebuilding the core numerical solution essentially from scratch with a new optimizer.

Weighed against how few customers relied on it, that rebuild effort wasn't justified.

WHAT THIS MEANS FOR CUSTOMERS

Customers currently using ANS have two options.

- 1. Stay on your current version:** you retain full access to ANS and your existing workflow. You will not receive the 64-bit stability, performance, and Zentitle2 licensing improvements introduced in this release.
- 2. Upgrade to the latest version:** you gain the full benefit of this release's stability, performance, and licensing improvements, but ANS will no longer be available.

There is no in-place upgrade path that keeps ANS working, since it cannot run on the new 64-bit foundation.

WHAT ISN'T CHANGING

All core steady-state and transient flow modeling, for both compressible and incompressible systems, is unaffected and fully supported going forward. Customers who used ANS for network optimization can still evaluate pipe diameter, material, and cost trade-offs manually within the standard modeling workflow; they simply won't have an automated optimizer doing it for them.

QUESTIONS

Customers with account-specific questions about which option is right for them should contact their account manager or to flow-support@datacor.com so we can walk through the trade-offs for their specific network and license.