

# Xpedition Valydate

## Introducing Xpedition Valydate

Xpedition® schematic analysis enables full inspection of all nets on a schematic using an extensive intelligent model component library. Schematic analysis saves design teams hundreds of hours of visual inspection and lab debug time by analyzing each net within a schematic. This analysis executes rapidly prior to your schematic freeze milestone, such that layout may commence with highest confidence of first-pass success.

Schematic analysis is performed in parallel with design capture, with errors highlighted directly in the schematic. It can also be performed on electronic designs after they have been released into the market to improve the quality of the electronic design, to increase yield, and to decrease product returns.

The product comes with access to a multi-million part library that is cloud-based, enabling you to constantly have access to the latest models added.

## Major Product Benefits

- Reduced hardware spins, leading to faster time-to-market
- Reduction in development, testing, and warranty costs
- Faster integration to high yield manufacturing
- Improved yield and decreased field returns
- Superior product quality

## Xpedition Valydate Support

When you buy products like Xpedition Valydate that improve your design productivity and integrate tightly into your business, a comprehensive support program should be seen as an integral part of your product investment.

Support is the insurance that allows your employees to concentrate on their work, while our support staff helps keep your downtime to a minimum and moves your project forward faster.

## Key Support Benefits

- Software enhancements to bring you the latest improvements in product functionality, usability, and performance
- [Support Center](#) for rapid, secure access to online support 24/7
- Technical support backed by an award-winning support team

## What's New In Xpedition Valydate VX.2.14 (Sept. 2023)

### New Valydate Features

Xpedition Valydate Schematic Analysis is enhanced with several new features that improve product usability and cross product integration in the Valydate VX.2.14 release. The sections below provide details of some major new capabilities.

### Improvements to AVL Flow

- Sharing Personal AVL Files
  - Export attached Valydate AVL database to an importable file (xls)
  - Option to reimport AVL File on startup
- Usability Improvements
  - Notify users when AVL library is connected, but AVL Lookup is disabled
  - Intuitively AVL enable/disable accessible from AVL window
  - Generate list of required models from the BOM with MFG Part Numbers derived from attached AVL.

### General Improvements

- Display Model Pin Comments for BSE & DBSE errors to assist with swizzling awareness.
- Improved model assignment speed by grouping part numbers during:
  - BOM import
  - Manual model assignment

## About Siemens Software Customer Support

Our global team of Support Engineers have exceptional skills in analyzing problems and providing solutions; and this capability is the result of years of product experience and industry practice coupled with continuous investment in training.

Combined with our online Support Center, they help deliver the fastest path to the successful adoption of product enhancements and new releases.

## On Support Center You Can

- Download latest releases
- Access documentation
- Manage & download licenses
- Search the knowledgebase
- Solve technical issues
- Manage support cases