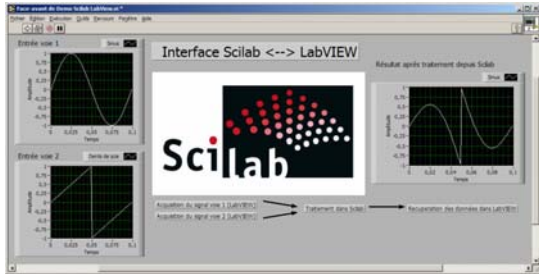


# Scilab™ – LabVIEW™ Gateway

RELEASE  
1.0

Release 1.0



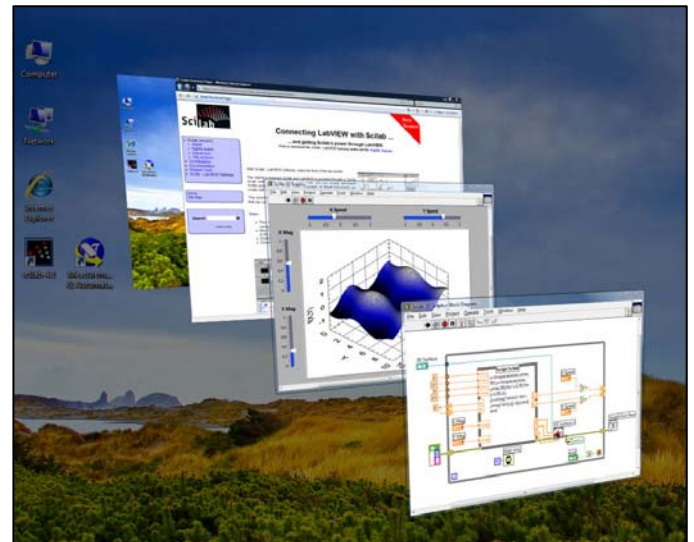
## Connecting LabVIEW and Scilab

With Scilab - LabVIEW Gateway, access to the open source platform for numerical computation the most used in the world and enjoy the best of the two products.

The interface between Scilab and LabVIEW is provided through a “Scilab script node” that you can include text-based Scilab programming with (Scilab macro language), in Virtual Instruments you create with LabVIEW.

Notes:

- Also included several examples to get you started. These are found in the examples subdirectory.
- Download Scilab - LabVIEW Gateway from [www.scilab.org](http://www.scilab.org) and follow installation instructions.



### Software Requirements:

- Windows 2000/XP/Vista
  - Scilab 4.1.1
  - LabVIEW 8.0 or 8.2.x
- 
- LabVIEW is a trademark of National Instruments.
  - Scilab is a trademark of INRIA.

### Scilab - The open source platform for numerical computation

- 2-D and 3-D graphics, animation
- Linear algebra, sparse matrices
- Polynomials and rational functions
- Interpolation, approximation
- Simulation: explicit and implicit systems of differential equations solution
- Scicos: block diagram modeller/simulator
- Classic and robust control, LMI optimization
- Differentiable and non-differentiable optimization
- Signal processing
- Graphs and networks
- Parallel Scilab
- Statistics
- Interfaces with Computer Algebra (Maple)
- Interfaces with Fortran, Tcl/Tk, C, C++, Java, LabVIEW

[www.scilab.org](http://www.scilab.org)

