

User

Monitors the process using his User Interface.
Write his LabVIEW program using the host computer.

Host computer

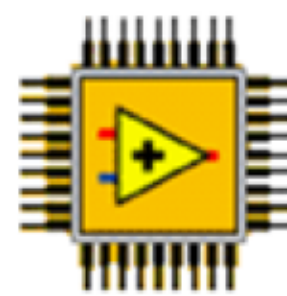
Software



LabVIEW



LabVIEW Real-Time



LabVIEW FPGA

Ethernet (physical support for data communication)

cRIO

Controller



Chassis



FPGA

Modules



Internal communication methods

Internal communication methods

REVA and roller bench installation

LabVIEW graphical program is compiled in order to run.
RT and FPGA application are compiled and uploaded to the associated device.