



ENTANGLEWARE

PYTHON → HARDWARE
TIMING SOFTWARE

FEATURES

Python Interface

- Use Python to define complex behavior
- Machine Learning/AI/etc.
- Complex waveform generation

20ns timing resolution (digital)

128 digital output (LVTTTL)

32 analog outputs (300 kSPS/16-bit /±10V)

Externally clockable (50MHz LVTTTL)

Synchronized Digital/Analog output

NI hardware (PCIe-7820R & PCIe-6738)

APPLICATIONS

- Synchronized mixed signal generation
- Quantum Computing
- Ultracold Atomic Physics Experiments
- Instrumentation

