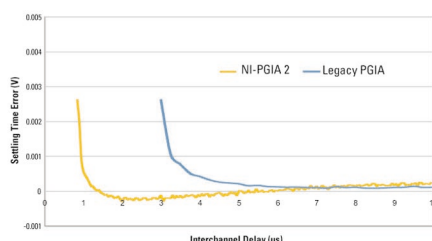# Discover the Next Generation of Data Acquisition

NI-MCal Technology
- Self-calibration at all input ranges
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- Polynomial compensation for nonlinearity error

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NI-PGIA 2 Amplifier Technology
- True 16 bits at 1 MS/s scan rate
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- Six DMA channels for improved data throughput
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- Quadrature encoder inputs

20 New M Series Devices

Family	Channels	AI Resolution	Sampling Rate
PCI/PXI – 622x	Up to 32 AI, 4 AO, and 48 DIO	16-bit	250 kS/s
PCI/PXI – 625x	Up to 32 AI, 4 AO, and 48 DIO	16-bit	1.25 MS/s
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With next-generation M Series devices, National Instruments continues to lower the cost of data acquisition while raising the standard for measurement technology.

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