Comparison of DTS to SIA capabilities

	DTS and VISI software	SIA and GigaView Software
Differential Measurement channels	No	Yes
6 GHz Equivalent time sampling oscilloscope	No	Yes
Eye Mask	No	Yes
Clock Recovery	No	Yes
Pattern Marker	Yes (requires AG100)	Yes (with PM50)
Optical Measurements	Yes (with OE2)	Yes (with OE2)
Rise/Fall times	Yes* (20/80,10/90 only)	Yes (20/80,10/90 *and* user % or absolute voltage levels)
Cycle-Cycle (P1-P2)	No	Yes
PLL advanced analysis	No	Yes
Production test ready	Yes	Yes (with 5x improvement in sampling rate over DTS)
Data-logging with macros	No	Yes
Easy to use Compliance tools	No	Yes
Plot Interpreter	No	Yes
Add more channels	No	Yes (up to 10)
LabView drivers	No	Yes
Imbedded CPU	No (requires external PC with GPIB for VISI software)	Yes

*DTS used timing circuitry instead of Oscilloscope to measure rise/fall times. The SIA provides more accurate results and has a higher bandwidth.