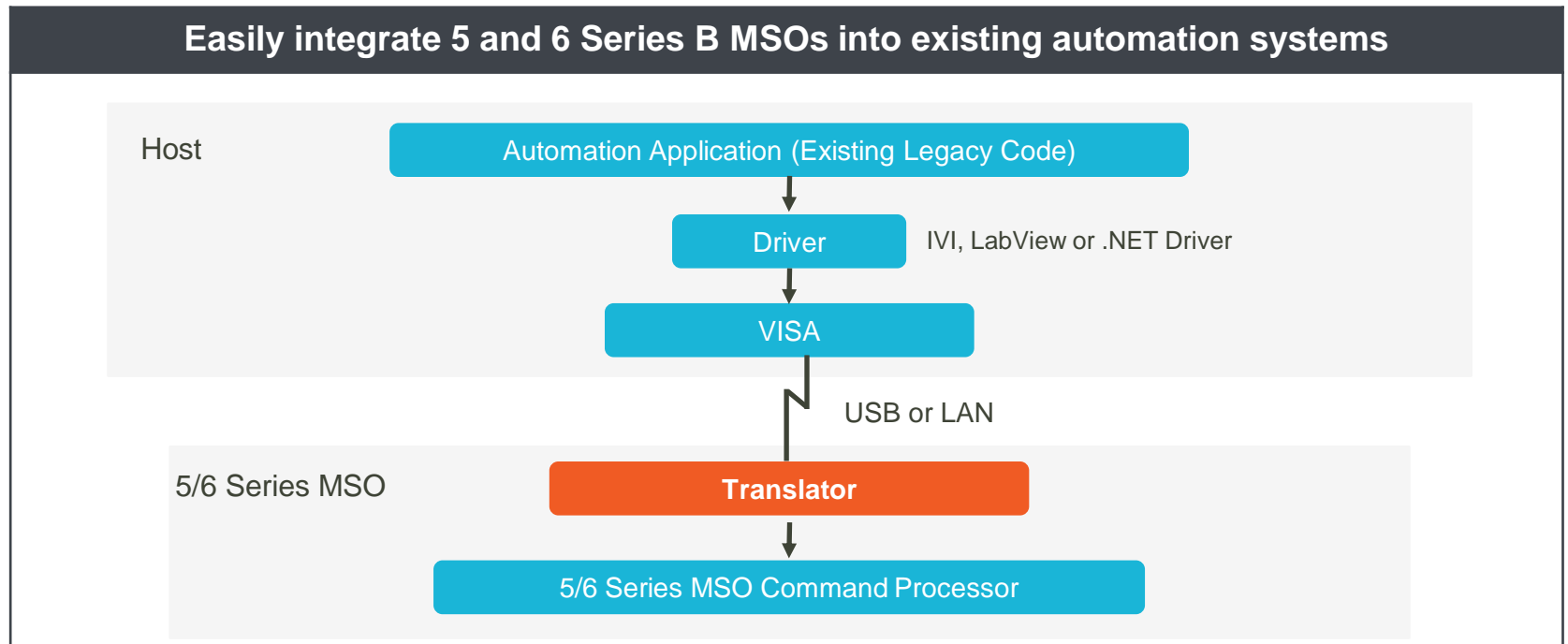# Programming Interface Translator for 5 and 6 Series B MSO
FACT SHEET

- Replace legacy oscilloscopes in existing systems without changing code

- Includes translation for key commands from DPO/MSO5000 Series, DPO7000 Series and MSO/DPO7000 Series oscilloscopes to 5 and 6 Series B MSOs

- Translation is customizable through an open, documented system. Modify translation or add new commands to suit your application
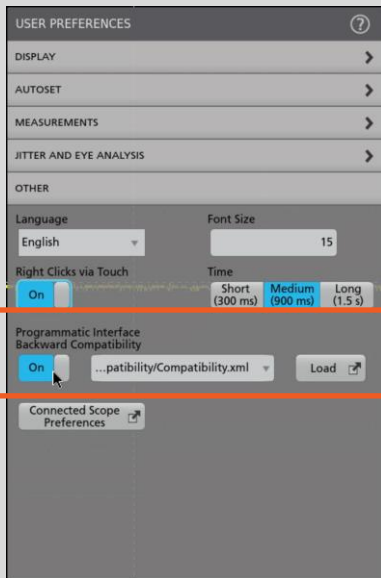
- Included at no charge in firmware V1.30 and higher

Easily integrate 5 and 6 Series B MSOs into existing automation systems

Host

Automation Application (Existing Legacy Code)

Driver — IVI, LabView or .NET Driver

VISA

USB or LAN

5/6 Series MSO

Translator

5/6 Series MSO Command Processor

Tektronix

Programming Interface Translator for 5 and 6 Series B MSO
FACT SHEET

Includes Support for Older Tek Commands

- Vertical, horizontal, acquisition, and trigger settings
- Acquisition state control (Run/Stop)
- CURVe queries (waveform transfer)
- File system operations (save, recall)
- Other miscellaneous items, like SCPI standard commands

Activate Translation

Translations are specified through a customizable text file

Open, Documented File Structure for Customization

DPO7000 Series command	MATH<x>:DEFine <QString> MATH<x>:DEFine?

Translation Entry	`<keyword name='MATH?'>`
	  `<keyword name='DEFine' leaf="1" query="1" command="1">`
	   `<translation header=':math:math?:define'/>`
	  `</keyword>`
	`</keyword>`

6 Series MSO command	MATH:MATH<x>:DEFine <QString> MATH:MATH<x>:DEFine?

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