







Description

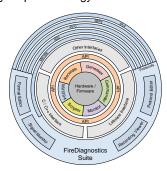
Besides its well-proven standalone and card-based FireSpy bus analyzer solutions DapTechnology also offers an integrated and total out-of-the-box **FireMatrix** solution. The FireMatrix is comprised of either a portable PC platform hosting a flexible number 1394 analyzer card. Limited only by the number of available PCI slots, the **FireMatrix** is a truly scalable system with regard to the number of 1394 bus analysis channels. As an added feature the **FireMatrix** also offers support for IRIG-B time stamping.

Alternatively, FireMatrix can also be built combining DapTechnology's own ruggedized and Mil-grade enclosure hosting Gen4-FireSpy(s) together with a ruggedized laptop.

The following FireSpy cards can be used within the **FireMatrix** platform:

- FS850 (Single-Bus Series)
- FS450b (Single-Bus Series)
- FS450bT (Single-Bus Series)
- FS3850 (Triple-Bus Series)
- FS3851E (Triple-Bus Series)
- FS3852 (Triple-Bus Series)
- FireSpy Gen4

Like all other analyzers from DapTechnology the **FireMatrix** systems run the *FireDiagnostics Suite*, which encompasses the most comprehensive collection of 1394 analysis, simulation and interface tools, for a wide range of applications. Apart from well established and hardware assisted analyzer tools like Monitor, Recorder, Generator, Commander and Scriptor, the suite also offers a set of software tools designed to integrate the FireSpy products in a wide variety of testing applications, as well as extend customization of its functionality beyond the baseline feature set provided by DapTechnology.



DapTechnology has approved several commercially available PC platforms suitable for the use in the **FireMatrix** concept. Due to varying customer requirements these platforms range form lightweight office use to heavyduty ruggedized industrial PC platforms. Please see the table on the right hand side for suitable examples. However, note that these platforms should be seen as suggestions only and DapTechnology is committed to work with its customers to provide a totally optimized and custom-tailored overall solution.

Please contact DapTechnology directly for other platform requirements as well as detailed specification of the examples given.

Vendor / Device	Specs / Usage	Example:
BSI Computer, Inc. Fieldgo S6	Ruggedness: Medium	Portable/Rugged
	Preferred Usage in:	solution for three
	Production Line, Lab,	FireSpy card.
Zammuning.	Specification: on request	Solution was created by Dap upon custom requirement.
ACME Portable, Inc.		
MilPac	Ruggedness: Medium	Specification on
J. C.	Preferred Usage in: Production, Check-out,	request
accommondation	Specification: on request	
IBI Systems, Inc. ST-2010-19	Ruggedness: High	Rugged solution for multiple FireSpy
WW.	Preferred Usage in:	cards.
	Field, harsh environments	Solution was created
	Specification: on request	by Dap upon custom requirement.
Getac Technology, Inc.		
X500+Expansion Box	Ruggedness: High	Portable/Rugged solution for one
	Preferred Usage in:	FireSpy card.
111 000	Field, harsh environments	Custom solution was
1 21 VA	Specification: on request	built by Dap and is also used for Dap's
	opcomodatom: on request	AS5657-ATE
DapTechnology, B.V. Getac Technology, Inc.	Ruggedness: High	Ruggedized expansion system
	Preferred Usage in:	designed by
	Field, harsh environments	DapTechnology
	Specification: on request	suitable for Gen4 FireSpys
		Specification on request

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