Windows DEP (Data Execution Prevention)

Data Execution Prevention (DEP) is a set of hardware and software-enforced technologies implemented (with support from Intel/AMD) in Microsoft Windows XP Service Pack 2 (SP2) and Windows Vista. It helps protect your computer against the insertion of malicious code into areas of computer memory reserved for non-executable code. Hardware-enforced DEP is a feature of certain processors (i.e. 'XD' on Intel and 'NX' on AMD CPU's) that prevents the execution of code in memory regions that are marked as data storage. Windows XP SP2 also includes software-enforced DEP that is designed to reduce exploits of exception handling mechanisms in Windows. DEP may cause Data Project software to behave unexpectedly including program crashes.

Data Project recommends you to use the system default DEP settings which are turned on only for essential Windows programs and services.

Checking your DEP settings for Windows Vista

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Control Panel Home Device Manager Remote settings System protection Advanced system settings	View basic information Windows edition Windows 7 Ultimate Copyright © 2009 Microso	about your computer ft Corporation. All rights rese	rved.	0
	System Rating: Processor: Installed memory (RAM): System type: Pen and Touch:	Windows Experience Intel(R) Celeron(R) CPU 2.80 1.00 GB 64-bit Operating System No Pen or Touch Input is av	IGHz 2.80 GHz	
See also Action Center Windows Update Performance Information and Tools	Computer name, domain, and Computer name: Full computer name: Computer description: Workgroup: Windows activation	Workgroup settings OS-TEST OS-TEST WORKGROUP	Change settings	

1. From Windows, click on Start -> Right click Computer, select Advanced system settings

- 2. From System Properties, select Advanced tab
- 3. Under Performance, click Settings

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- 4. From Performance Options window, select Data Execution Prevention tab
- 5. Select **Turn on DEP for essential Windows programs and services only**. Click on Apply, then reboot your PC.