



Employing HP Performance Tuning Framework in CAE

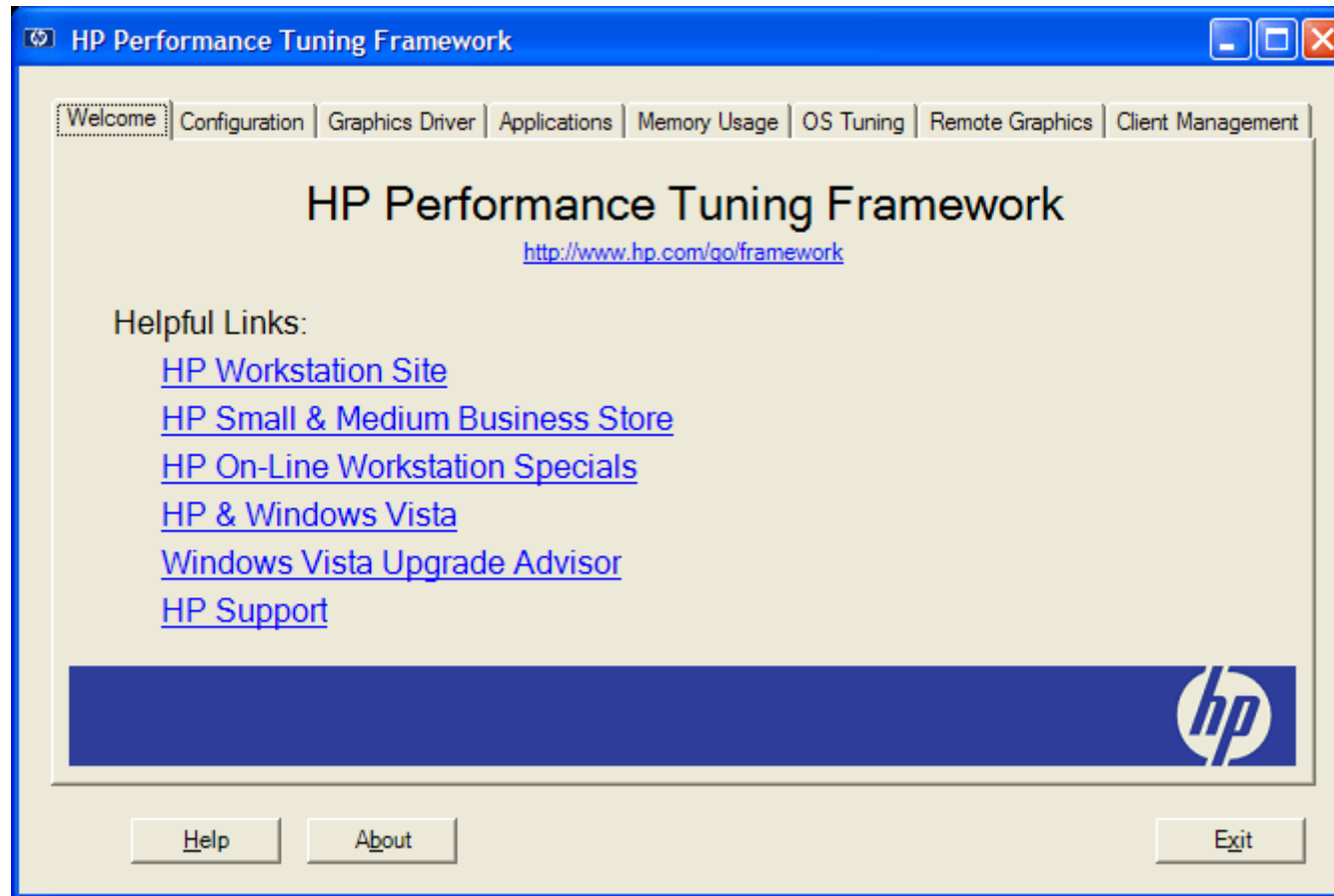


Technology for better business outcomes

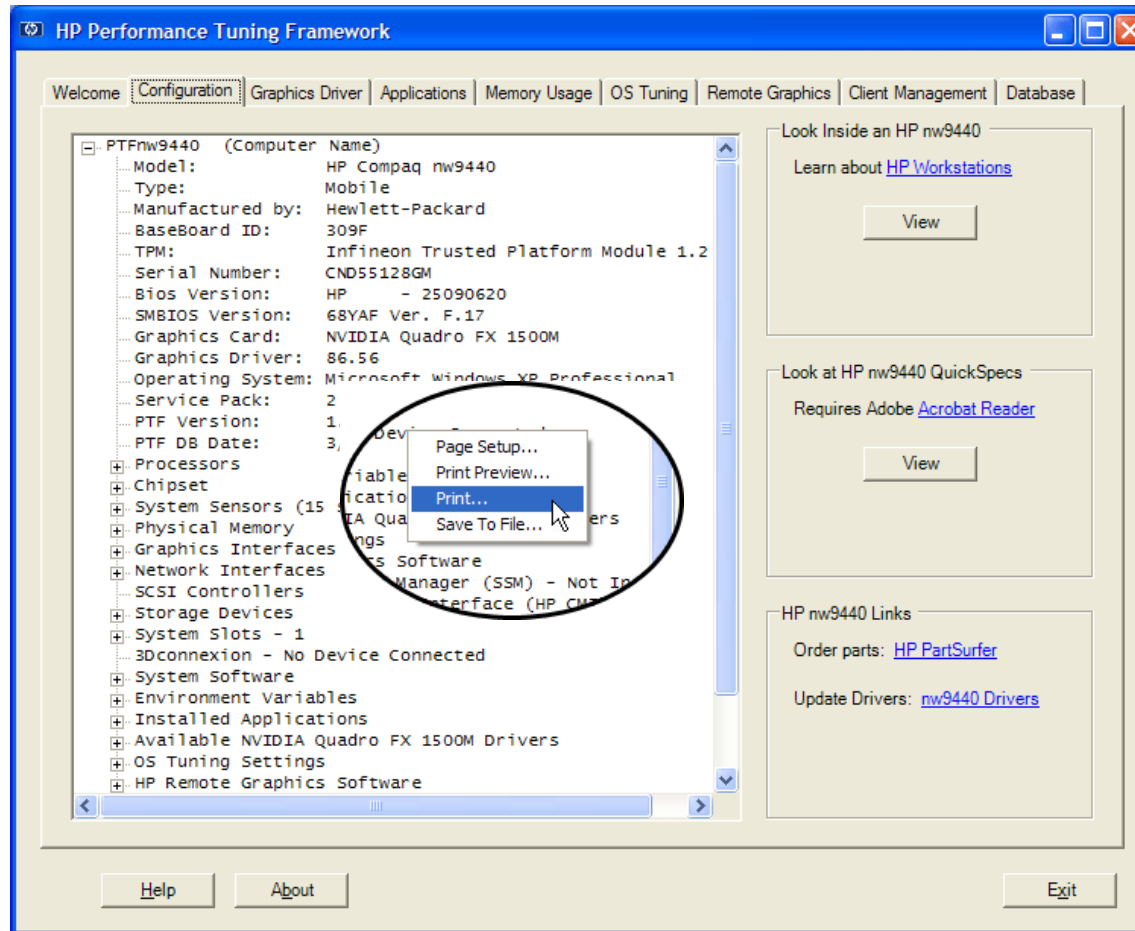
HP Performance Tuning Framework

- What is it? It's a free tool that:
 - simplifies workstation configuration
 - reports resource usage
 - exposes performance tuning options
 - delivers HP know-how
- How do I get it? It is:
 - preinstalled on all HP desktop and mobile workstations ordered with Windows XP & Vista
 - Available for download @ www.hp.com/go/framework

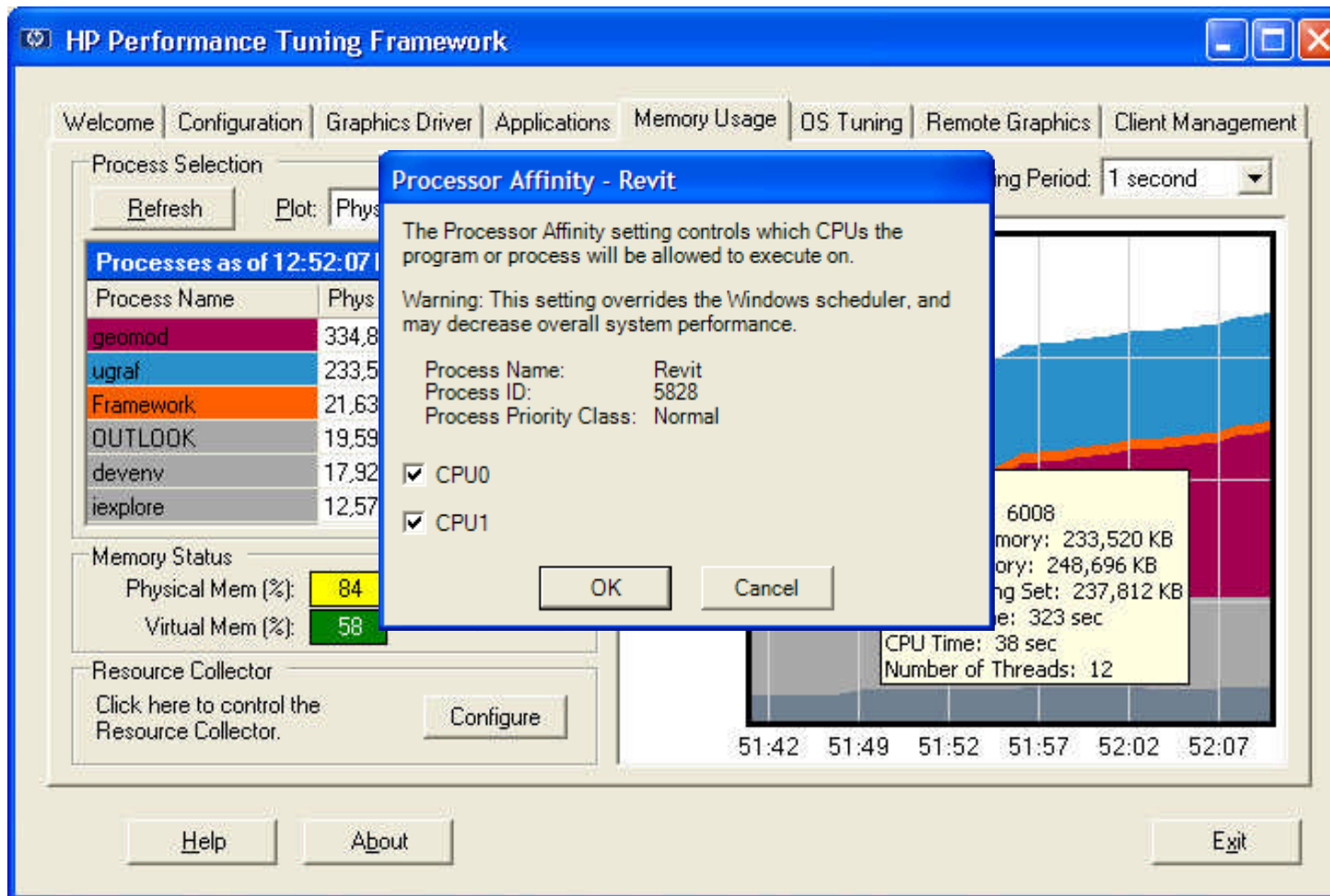
PTF Welcome Page



Configuration Page



Memory Usage Plot



Resource Collector

Resource Collector Summary

PTC Pro/ENGINEER

Session Detail

	Program Start	Elapsed	CPU	Max Threads	Max CPU %	Memory Usage %	Virtual Memory %	Available Memory %	Performance Impact
+	1/24/2007 3:27:04	65	44	8	118	4	13	73	Application CPU Usage Very High
+	1/24/2007 4:29:41	66	46	8	119	8	19	68	Application CPU Usage Very High
+	1/31/2007 2:50:24	487	267	17	123	68	58	13	Application Memory Usage Very High Application CPU Usage Very High
+	1/31/2007 1:30:24	1215	774	17	123	81	83	0	Application Memory Usage Very High System Free Memory Very Low Application CPU Usage Very High
+	1/31/2007 1:50:24	816	492	17	123	81	83	0	Application Memory Usage Very High System Free Memory Very Low Application CPU Usage Very High
+	1/22/2007 1:54:17	61	40	6	94	2	11	76	OK
+	1/22/2007 1:55:22	36	5	9	25	3	12	75	OK

Maximum Memory Usage for Process



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