Static scenarios under Windows Vista

	Metal	Windows	Nimbus	Subst 4.3	Subst 5.0	4.3->5.0
Average time	13	18	24	81	23	3.5
Heap memory	7624	9392	14690	12405	12392	
Buttons	17	22	44	83	29	2.9
Table	25	28	34	114	38	3.0
List	10	11	13	47	18	2.6
Sliders	14	50	19	174	26	6.7
Progress bars	12	12	16	95	23	4.1
Text fields	10	11	31	66	21	3.1
Text areas	10	11	22	67	24	2.8
Tabbed panes	11	13	16	52	17	3.1
Tree	11	13	13	53	18	2.9
Combo boxes	13	13	35	80	21	3.8
Spinners	10	10	13	60	18	3.3

Static scenarios under Windows 2003

	Metal	Windows	Nimbus	Substance 4.3	Substance 5.0	Improvement
Average time	29	27	48	178	50	**3.6**
Heap memory	9229	9269	16944	14366	14277	
Buttons	42	34	95	185	64	**2.9**
Table	57	56	69	255	89	**2.9**
List	20	20	25	100	38	**2.6**
Sliders	31	30	40	345	56	**6.2**
Progress bars	24	24	35	193	50	**3.9**
Text fields	23	21	66	151	43	**3.5**
Text areas	24	21	47	142	38	**3.7**
Tabbed panes	20	22	31	117	34	**3.4**
Tree	21	22	28	114	39	**2.9**
Combo boxes	29	28	70	174	49	**3.6**
Spinners	21	21	30	132	39	**3.4**

Dynamic scenarios under Windows Vista

		Metal	Win	Nimbus	Subst 4.3	Subst 5.0	4.3->5.0
Buttons	Toggling selected	114	157	410	616	170	**3.6**
	Toggling enabled	117	166	306	598	184	**3.3**
	Changing text	100	130	501	524	145	**3.6**
Lists	Scrolling	108	114	108	169	126	**1.3**
	Moving elements	103	109	122	218	131	**1.7**
Menus	Selection	230	373	352	1190	855	**1.4**
Progress	Changing value	90	88	120	754	161	**4.7**
Sliders	Changing value	113	136	156	1605	177	**9.1**
Tables	Scrolling	313	345	360	1242	403	**3.1**
	Selecting rows	428	478	214	1796	672	**2.7**
	Selecting columns	163	186	185	676	262	**2.6**
	Deleting rows	219	238	251	750	239	**3.1**
Tabs	Selecting top	82	106	129	280	109	**2.6**
	Selecting left	85	167	171	277	116	**2.4**
	Selecting right	83	156	173	280	115	**2.4**
	Selecting bottom	81	133	129	343	118	**2.9**
Text areas	Scrolling	146	138	162	310	173	**1.8**
	Adding text	123	127	197	264	145	**1.8**
	Changing text	128	127	246	506	166	**3.0**
Text fields	Changing text	93	90	286	483	165	**2.9**
Trees	Scrolling	120	157	118	265	162	**1.6**
Total		**3039**	**3721**	**4696**	**13146**	**4794**	**2.7**

PlasticXP	Synthetica
211	205
185	207
181	191
110	124
106	156
541	640
91	153
111	158
407	455
569	620
218	230
278	308
85	157
84	156
87	155
85	154
156	176
131	203
130	150
92	156
146	154
4004	**4908**

Dynamic scenarios under Windows 2003

		Metal	Windows	Nimbus	Substance 4.3	Substance 5.0
Buttons	Toggling selected	245	261	714	1430	527
	Toggling enabled	281	274	600	1595	546
	Changing text	287	269	731	1433	395
Lists	Scrolling	276	275	292	472	322
	Moving elements	214	220	261	458	267
Menu bars	Selection	606	531	1442	1918	1034
Progress bars	Changing value	217	224	289	1490	388
Sliders	Changing value	285	271	418	3235	429
Tables	Scrolling	787	750	933	1638	1098
	Selecting rows	1151	1020	575	5221	1794
	Selecting columns	403	402	466	1736	690
Tabbed panes	Selecting tabs top	195	203	278	766	348
	Selecting tabs left	205	213	270	651	328
	Selecting tabs right	196	234	272	685	315
	Selecting tabs bottom	203	199	315	807	294
Text areas	Scrolling	289	307	343	653	363
	Adding text	229	235	382	534	290
	Changing text	326	331	525	1117	395
Text fields	Changing text	219	215	590	1009	348
Trees	Scrolling	299	338	287	752	426
Total		6913	6772	9983	27600	10597

Improvement
2.7
2.9
3.6
1.5
1.7
1.9
3.8
7.5
1.5
2.9
2.5
2.2
2.0
2.2
2.7
1.8
1.8
2.8
2.9
1.8
2.6