

	VERICUT	NCSIMUL
NC Decoding	06:56	00:47
Tool-path analysis (2 clicks)	01:20	00:05
Simulation with a display every 100 blocks	21:00	07:45
Result analysis (2 zooms + 2 rotations)	02:13	00:10
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Total	31:29	08:47

*Test made on a customers 5 axes machine job, with a 6MB program and 13 tools.

In FACTS!



NCSIMUL is **3 times faster** than VERICUT in the real process!

Round	Functionalities	VERICUT	NCSIMUL
1: Program analysis	Read G-code and display Tool-path*	416 sec	47 sec
	Display a tool in a position*	40 sec	2 sec
	Link between 3D, Program and tool-path.	Unidirectional from 3D to program	Multidirectional
	Program display	Black box	Show all Tool-machine builders macros
	Wireframe display flexibility	No	Colors, filter on a tool, in machine view.
2: Simulation	Time to simulate 6 MB of G-code*	1260 sec	465 sec
	Zoom, Pan, Rotate without refreshing	No	Yes
	Switch from part to machine view	No	Yes
	Link between surface and program	No	Yes
3: On the result	1 zoom and 2 rotations processing*	133 sec	0 sec
	Run a second simulation in hidden mode*	1110 sec	375 sec
	Part analysis after a machine simulation	No	Yes

*Test made on a customers 5 axes machine job, with a 6MB program and 13 tools.