



# Message Passing Interface Support for Parallel Computing

## Release 2022 R1

### Axioms

1. When using Microsoft HPC Pack:

Windows Server 2016 should be used with HPC Pack 2016 Update 3

Windows Server 2019 should be used with HPC Pack 2019

		Ansys Forming	CFX	Mechanical APDL	HFSS, Maxwell, Q3D Extractor, & Siwave	Fluent	Forte	LS-DYNA, LS-OPT, LS-PrePost, & LS-TaSC	Lumerical	RedHawk	Speos
Windows 10	Intel MPI version(s):	2017.2.187	2018.3.210	2018.3.210 2019.10.321	2018.3.210	2018.3.210 2019.10.321	2018.3.210	2017.2.187	2019.10.321		2019.10.321
	MS MPI version(s):	10.1	10.1	10.1	10.0, 10.1	10.1		10.1	10.1		10.0, 10.1
Windows Server 1	Intel MPI version(s):			2018.3.210 2019.10.321	2018.3.210		2018.3.210		2019.10		2019.10.321
	MS HPC Packs	2016*	2016*, 2019**	2016*, 2019**	2016*, 2019**	2016*, 2019**		2016*			2016*, 2019**
Linux	Intel MPI version(s):	2018.3.222	2018.3.222	2018.3.222	2018.3.222	2018.3.222	2018.3.222	2018.3.222	2019.10.321		2018.3.222 2018.4.274
	Open MPI version(s):	4.0.0	4.0.5	4.0.5		4.0.5		4.0.0	3.1.4	1.64	4.0.5
	Cray-MPICH		7.5.3			7.5.3					

\* installs MS MPI 10.0

\*\* installs MS MPI 10.1