

Engineering Compatibility Matrix

CLTK platform & preflight requirements



01 / SUPPORTED OPERATING SYSTEMS

Platform	Status	Engineering Notes	CLTK Preflight
Windows 10 (22H2+)	✓ SUPPORTED	Supported	✓
Windows 11	✓ SUPPORTED	Supported	✓
Windows Server 2019	✓ SUPPORTED	Supported	✓
Windows Server 2022	✓ SUPPORTED	Supported	✓
Windows Server 2025	✓ SUPPORTED	Supported	✓

02 / POWERSHELL, TERMINAL & DEVELOPMENT

Requirement	Status	Engineering Notes	CLTK Preflight
Windows PowerShell 5.1	✓ MINIMUM	Required	✓
PowerShell 7+	✓ RECOMMENDED	Preferred	✓
Windows Terminal	✓ SUPPORTED	Supported	
PowerShell Console	✓ SUPPORTED	Supported	
Visual Studio Code	OPTIONAL	Optional	

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03 / EXECUTION, SECURITY & PLATFORM

Requirement	Status	Engineering Notes	CLTK Preflight
Local PowerShell execution	✓ SUPPORTED	Supported	✓
Execution Policy	✓ COMPATIBLE	Compatible	✓
File system write capability	✓ REQUIRED	Required	✓
Temporary file creation	✓ REQUIRED	Required	✓
Offline execution	✓ OFFLINE-ONLY	Offline-only	✓
SHA-256 verification	✓ SUPPORTED	Supported	✓
Authenticode compatibility	✓ SUPPORTED	Supported	✓
Read-only Certificate Detection	INFORMATIONAL	Read-only detection	✓
Catalog validation (.cat)	✓ SUPPORTED	Supported	
Supported Precision Build Releases	✓ SUPPORTED	Supported	
Marketplace Add-ons	✓ GOVERNED	Governed	
Precision Build Framework	✓ SUPPORTED	Supported	
Future Precision Build Releases	✓ GOVERNED	Governed	
Internet connectivity	✗ NOT REQUIRED	Not required	
Cloud services	✗ NONE	None	
External dependencies	✗ NONE	None	
Administrative privileges	CONDITIONAL	Environment dependent	✓