

TransMagic Quick Reference Product Guide
TransMagic R7 SP1, November, 2007

TransMagic Products	EXPERT	ADVANTAGE	ELEMENT	BASIC	I-STEP	VIEW	VIEW PLUS
TRANSLATORS							
CATIA V5 READ	X	OPT	OPT	OPT	OPT	OPT	X
CATIA V5 WRITE	X	OPT	OPT	OPT	OPT		
CATIA V4 READ	X	X	OPT	OPT	OPT	X	X
CATIA V4 WRITE	X	X	OPT	OPT	OPT		
PRO/E READ	X	X	X		OPT	X	X
UGS READ	X	X	X		OPT	X	X
Inventor READ	X	X	X		OPT	X	X
SolidWorks READ	X	X	X		OPT	X	X
Parasolid READ	X	X	X	X		X	X
Parasolid WRITE	X	X	X	X			
ACIS READ	X	X	X	X		X	X
ACIS WRITE	X	X	X	X			
HSF VIEW	X	X	X	X	X	X	X
HSF WRITE	X	X	X	X			
IGES READ	X	X	X	X	X	X	X
IGES WRITE	X	X	X	X	X		
STEP READ	X	X	X	X	X	X	X
STEP WRITE	X	X	X	X	X		
STL VIEW	X	X	X	X	X	X	X
STL WRITE	X	X	X	X	X		
NGRAIN WRITE	X	X	X	X	X		
FEATURES							
CATIA V4 ↔ V5 MIGRATION	X						
PMI ¹	X	X	OPT	OPT	OPT	OPT	OPT
MagicSURFACE	X	X	OPT	OPT	OPT		
NON-UNIFORM SCALING ²	X	X	OPT	OPT	OPT		
Interface for Inventor	X	X	X				
LITE/FULL REPAIR ³	X	X	X	X	X	X	X
COLLABORATION	X	X	X	X	X	X	X
MASS PROPERTIES ⁴	X	X	X	X	X	X	X
SCALING	X	X	X	X	X	X	X
BATCH	OPT	OPT	OPT	OPT	OPT		

X = Included OPT = Optional

¹ **PMI:** Product Manufacturing Information or GD&T or FD&T. Includes dimensions, tolerances, surface finishes etc.

² **Non-Uniform Scaling:** Advanced control of differential scaling along X, Y & Z axes

³ **Lite and Full Repair:** Automated geometry repair functions to close gaps, adjust tolerances, repair surfaces

⁴ **Mass Properties:** Volume, Mass, Density, Center of Mass, Inertia Properties and Precision Settings