

**Base Products (PFN/PID = 40025/20298)**
**Adams**
**Adams Advanced Package**

Adams/Controls	Base	53
Adams/Durability	Base	53
Adams/Flex	Base	53
Adams/Vibration	Base	85

**Adams Basic Package**

Adams/Exchange	Base	15
Adams/Insight	Base	1
Adams/Linear	Base	53
Adams/Postprocessor	Base	1
Adams/Solver	Base	95
Adams/Solver Shared Memory Parallel (SMP)	Base	28
Adams/View	Base	36

**Adams/Car Package**

Adams/3D Road	Base	53
Adams/Car Ride	Base	85
Adams/Car Suspension Design	Base	57
Adams/Car Vehicle Dynamics	Base	57
Adams/Chassis	Base	114
Adams/Driveline	Base	79
Adams/Smart Driver	Base	53
Adams/Tire Handling	Base	53

**Dytran**

Dytran Solver	Base	163
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**Easy5**
**Easy5 Advanced Analysis Only Package**
**Base**

<u>Easy5 Analysis Package</u>	Base	
Easy5 Analysis, Build	Base	5
Easy5 Analysis, Runtime	Base	4
Easy5 Gas Dynamic/Pneumatics, Runtime	Base	12
Easy5 Matlab Interface, Runtime	Base	3
Easy5 Multiphase Fluid, Runtime	Base	16
Easy5 Thermal Hydraulic, Advanced, Runtime	Base	14

**Easy5 Basic Analysis Only Package**
**Base**

<u>Easy5 Analysis Package</u>	Base	
Easy5 Analysis, Build	Base	5
Easy5 Analysis, Runtime	Base	4
Easy5 Matlab Interface, Runtime	Base	3

**Easy5 Basic Package**
**Base**

<u>Easy5 Model Builder Package</u>	Base	
Easy5 Model Building, Build	Base	9
Easy5 Model Building, Runtime	Base	9
<u>Easy5 Analysis Package</u>	Base	
Easy5 Analysis, Build	Base	5
Easy5 Analysis, Runtime	Base	4
<u>Easy5 Matlab Interface Package</u>	Base	
Easy5 Matlab Interface, Build	Base	13
Easy5 Matlab Interface, Runtime	Base	3
Easy5 Matrix Algebra Tool	Base	10
<u>Easy5 Library Developer Package</u>	Base	
Easy5 Library Developer, Build	Base	18

Enterprise Advantage (EA) Table	PFN/PID	Type	ALUs
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### Base Products (PFN/PID = 40025/20298)

Easy5 Library Developer, Runtime		Base	18
<b>Easy5 Fluid Power Package</b>		<b>Base</b>	
<u>Easy5 Thermal Hydraulic Advanced Library Package</u>		Base	
Easy5 Thermal Hydraulic, Advanced, Build		Base	44
Easy5 Thermal Hydraulic, Advanced, Runtime		Base	14
<u>Easy5 Thermal Hydraulic Library Package</u>		Base	
Easy5 Thermal Hydraulic, Basic, Build		Base	16
Easy5 Thermal Hydraulic, Basic, Runtime		Base	5
<b>EASY5 Gas Dynamics Package</b>		<b>Base</b>	
<u>Easy5 Gas Dynamics/Pneumatics Library Package</u>		Base	
Easy5 Gas Dynamics/Pneumatics, Build		Base	38
Easy5 Gas Dynamics/Pneumatics, Runtime		Base	12
<u>Easy5 Multiphase Fluid Library Package</u>		Base	
Easy5 Multiphase Fluid, Build		Base	52
Easy5 Multiphase Fluid, Runtime		Base	16

### Enterprise MVision

<b>Enterprise Mvision (Client)</b>			
Server (only one per user installation, no charge)		Base	1
Client		Base	38

### FlightLoads

FlightLoads		Base	70
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### Marc

<b>Marc Mentat</b>		<b>Base</b>	<b>60</b>
<b>Marc Complete Package</b>		<b>Base</b>	
Marc Electrical		Base	20
Marc Hemi-Cube View Factor		Base	20
Marc Global Remeshing		Base	100
Marc Mentat		Base	60
Marc Mentat CMOLD Access		Base	20
Marc Mentat Hex Mesher		Base	40
Marc Mentat ITI Access		Base	20
Marc Metal Cutting		Base	75
Marc Shape Memory Materials		Base	36
Marc Standard		Base	160
Marc 2D Mesher only		Base	50
Marc 3D Mesher only		Base	50
<b>Marc Multi-Processor</b>			
<b>2 Processors</b>		<b>Base</b>	<b>160</b>
<b>3 Processors</b>		<b>Base</b>	<b>240</b>
<b>4 Processors</b>		<b>Base</b>	<b>320</b>
<b>5 Processors</b>		<b>Base</b>	<b>400</b>
<b>6 Processors</b>		<b>Base</b>	<b>480</b>
<b>7 Processors</b>		<b>Base</b>	<b>560</b>
<b>8 Processors</b>		<b>Base</b>	<b>640</b>

Enterprise Advantage (EA) Table	PFN/PID	Type	ALUs
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## Base Products (PFN/PID = 40025/20298)

MD Nastran			
MD Nastran ACMS		Base	115
MD Nastran Acoustics		Base	81
MD Nastran Design Optimization		Base	81
MD Nastran Distributed Memory Parallel (DMP)		Base	138
MD Nastran Rotor Dynamics		Base	81
MD Nastran Superelements		Base	161
<b>MD Nastran Implicit Nonlinear (SOL600) Multi-Processor</b>			
2 Processors		Base	184
3 Processors		Base	276
4 Processors		Base	368
5 Processors		Base	460
6 Processors		Base	552
7 Processors		Base	644
8 Processors		Base	736
<b>MD Nastran Package</b>			
MD Nastran ADAMS Integration		Base	15
MD Nastran Advanced Nonlinear (SOL400)		Base	115
MD Nastran Aeroelasticity I		Base	81
MD Nastran Basic		Base	288
MD Nastran Connectors		Base	81
MD Nastran DMAP		Base	115
MD Nastran Dynamic Design Analysis Method (DDAM)		Base	15
MD Nastran Dynamics		Base	81
MD Nastran Heat Transfer		Base	81
MD Nastran Implicit Nonlinear (SOL600)		Base	288
MD Nastran Implicit Nonlinear Hemi-Cube View Factors		Base	23
MD Nastran Implicit Nonlinear Shape Memory Materials		Base	41
MD Nastran Nonlinear		Base	115
MD Nastran Marc Translator		Base	46
MD Nastran Shared Memory Parallel (SMP)		Base	115
MSC Nastran			
MSC Nastran ACMS		Base	100
MSC Nastran Acoustics		Base	70
MSC Nastran Design Optimization		Base	70
MSC Nastran Distributed Memory Parallel (DMP)		Base	120
MSC Nastran Rotor Dynamics		Base	70
MSC Nastran Superelements		Base	140
<b>MSC Nastran Advanced Package</b>			
MSC Nastran Aeroelasticity I		Base	70
MSC Nastran Dynamic Design Analysis Method (DDAM)		Base	13
MSC Nastran Shared Memory Parallel (SMP)		Base	100
<b>MSC Nastran Basic Package</b>			
MSC Nastran ADAMS Integration		Base	13
MSC Nastran Basic		Base	250
MSC Nastran Connectors		Base	70
MSC Nastran DMAP		Base	100
MSC Nastran Dynamics		Base	70
MSC Nastran Heat Transfer		Base	70

Enterprise Advantage (EA) Table	PFN/PID	Type	ALUs
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## Base Products (PFN/PID = 40025/20298)

<b>MSC Nastran Implicit Nonlinear (SOL600) Multi-Processor</b>	<b>Base</b>	
<b>2 Processors</b>	<b>Base</b>	<b>160</b>
<b>3 Processors</b>	<b>Base</b>	<b>240</b>
<b>4 Processors</b>	<b>Base</b>	<b>320</b>
<b>5 Processors</b>	<b>Base</b>	<b>400</b>
<b>6 Processors</b>	<b>Base</b>	<b>480</b>
<b>7 Processors</b>	<b>Base</b>	<b>560</b>
<b>8 Processors</b>	<b>Base</b>	<b>640</b>
<b>MSC Nastran Nonlinear Complete</b>	<b>Base</b>	
MSC Nastran Implicit Nonlinear (SOL600)	Base	160
MSC Nastran Implicit Nonlinear Hemi-Cube View Factors	Base	20
MSC Nastran Implicit Nonlinear Shape Memory Materials	Base	36
MSC Nastran Marc Translator	Base	40
MSC Nastran Nonlinear	Base	100

### MVision

<b>Mvision Builder</b>	<b>Base</b>	<b>60</b>
<b>Mvision Evaluator</b>	<b>Base</b>	<b>39</b>

### Mvision Databanks

<b>Penton's Materials Selector Databank (includes Analysis DB [0638])</b>	<b>Base</b>	<b>10</b>
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### Patran

<b>Patran ABAQUS Preference</b>	<b>Base</b>	<b>13</b>
<b>Patran ANSYS Preference</b>	<b>Base</b>	<b>13</b>
<b>Patran Materials</b>	<b>Base</b>	<b>19</b>
<b>Patran Materials Enterprise</b>	<b>Base</b>	<b>10</b>
<b>Patran PAM-CRASH Preference</b>	<b>Base</b>	<b>13</b>
<b>Patran Thermal</b>	<b>Base</b>	<b>77</b>
<b>Patran Basic Package</b>	<b>Base</b>	
Patran	Base	77
Patran Advanced Surface Meshing	Base	17
Patran Analysis Manager	Base	10
Patran Beam Tools	Base	38
Patran Dytran Preference	Base	13
Patran Marc Preference	Base	13
Patran MSC.Nastran Preference	Base	13
Patran Queue Manager	Base	10
Patran Random Analysis	Base	31
<b>Patran Exchange Package</b>	<b>Base</b>	
Patran CATIA Access	Base	15
Patran I-deas Access	Base	15
Patran IGES Access	Base	15
Patran STEP AP209 Access	Base	15
Patran STEP AP203 Access	Base	15
Patran VDA Access	Base	15

### Sofy

<b>Sofy Acoustics</b>	<b>Base</b>	<b>17</b>
<b>Sofy Developer</b>	<b>Base</b>	<b>44</b>
<b>Sofy Standard</b>	<b>Base</b>	<b>77</b>

## Optional Products

**MD Adams – EA (PFN/PID = 40025/40030)**
**MD Adams Package**

MD Adams/Solver	95
MD Adams/Linear	53
MD Adams/Solver Shared Memory Parallel (SMP)	28
MD Adams/View	36
MD Adams/Exchange	15
MD Adams/Controls	53
MD Adams/Durability	53
MD Adams/Flex	53
MD Adams/Vibration	85

**MD Adams/Car Package**

MD Adams/3D Road	53
MD Adams/Car Ride	85
MD Adams/Car Vehicle Dynamics	57
MD Adams/Car Suspension Design	57
MD Adams/Mechatronics	32
MD Adams/SmartDriver	53
MD Adams/Driveline	79
MD Adams/Tire Handling	53
MD Adams/Chassis	114

**MD Patran – EA (PFN/PID = 40025/40026)**
**MD Patran**

MD Flight Loads	70
MD Patran	77
MD Patran ABAQUS preference	13
MD Patran Analysis Manager	10
MD Patran ANSYS preference	13
MD Patran Queue Manager	10
MD Patran Marc Preference	13
MD Patran MSC.Nastran Preference	13
MD Patran Advanced Surface Meshing	17
MD Patran Beam Tools	38
MD Patran Random Analysis	31
MD Patran IGES Access	15
MD Patran CATIA Access	15
MD Patran STEP AP203 Access	15
MD Patran STEP AP209 Access	15
MD Patran VDA Access	15

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**SimXpert - EA**

SimXpert Base - EA	40025/10365	Optional	35
SimXpert Structures Workspace – Client Edition - EA	40025/10366	Optional	46
SimXpert Motion Workspace - EA	40025/20317	Optional	77
SimXpert Thermal Workspace – Client Edition - EA	40025/10368	Optional	12
SimXpert Crash Workspace – Client Edition - EA	40025/10369	Optional	26

**SimManager - EA**

SimManager Enterprise Client Access - EA	40025/10377	Optional	2
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Enterprise Advantage (EA) Table	PFN/PID	Type	ALUs
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## Premium Option Products

<b>SimDesigner – EA</b>			
SimDesigner Workbench Edition for CATIA - EA	40025/20284	Premium Option	113
<b>SimManager – EA</b>			
SimManager Enterprise Server - EA	40025/20301	Premium Option	200