

SOFTWARE PRODUCTS LINE APM

SCIENTIFIC-TECHNICAL CENTERS SCIENTIFIC-TECHNICAL CENTER



APM EMA

APM MULTIPHYSICS

APM STRUCT FEM

APM FGA

APM WINMACHINE

TOPOLOGY OPTIMIZATION

APM ECA

APM MECHANIC

APM FEM

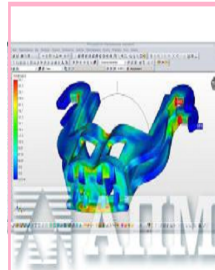
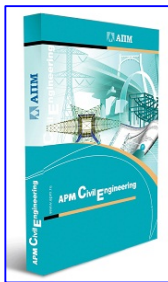
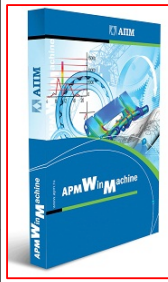
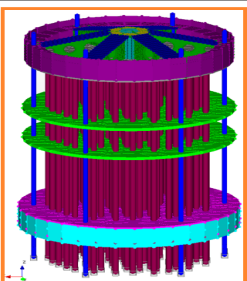
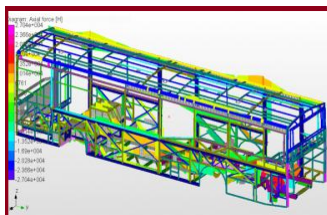
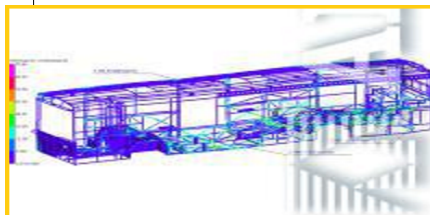
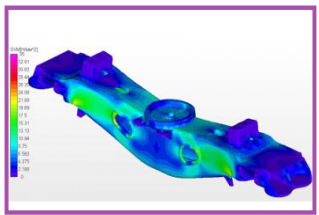


APM 16 VERSION



APM WINMACHINE MODULES		APM Multiphysics		MODULES	APM MECHANIC MODULES	
	APM Structure3D			APM Structure3D - the module for calculating the stress-strain state, stability, own and forced oscillations of parts and structures by the finite element method		
	APM Graph			APM Graph - a flat parametric drawing and graphics editor with a tool for calculating dimensional chains	APM Graph	
	APM Studio			APM Studio - pre- and postprocessor for creating models for strength (finite element analysis) with the ability to import STEP files		
	APM Joint			APM Joint - module for calculating and designing connections of machine elements	APM Joint	
	APM Trans			APM Trans is a module for calculating and designing mechanical rotation transmissions	APM Trans	
	APM Shaft			APM Shaft - module for calculating and designing shafts and axes	APM Shaft	
	APM Bear			APM Bear is a module for calculating and designing rolling bearing units, taking into account their accuracy class	APM Bear	
	APM Drive			APM Drive - automated design module for rotary motion of arbitrary structure	APM Drive	
	APM Spring			APM Spring - module for calculating and designing elastic elements of machines	APM Spring	
	APM Cam			APM Cam - module for calculating and designing cam mechanisms	APM Cam	
	APM Plain			APM Plain - module for calculating and designing sliding bearings	APM Plain	
	APM Screw			APM Screw - the module for calculating non-ideal helical gears (slip, ball and planetary-screw)	APM Screw	
	APM Dynamics			APM Dynamics - module for kinematic analysis of linkage mechanisms	APM Dynamics	
	APM Base			APM Base - module for creating and editing databases	APM Base	
				APM FGA - module for automated analysis of fluid and gas mechanics		
				APM EMA - module for calculating electromagnetic fields		
				APM ECA - module for calculating electrical circuits		
	APM Section Data			APM Section Data - database of parametric sections		
	APM Mechanical Data			APM Mechanical Data - database of graphic information of standard parts and assemblies, reference data on engineering		
	APM Material Data			APM Material Data - material parameters database		
	Batch Structure3D			Batch Structure3D - APM Structure3D Batch Engine		

PAVIATH INTEGRATED SOLUTION

MECHANISM MACHINE ELEMENTS STRUCTURAL ANALYSIS MULTIPHYSICS				
	EDUCATION POLYTECHNIC COLLEGE ENGINEERING COLLEGE UNIVERSITY RESEARCH ORGANIZATION RESEARCH SCHOLAR			
PROJECT CIVIL BUILDING STEEL STRUCTURES REINFORCED CONCRETE AND REINFORCED MASONRY STRUCTURES WOODEN STRUCTURES BRIDGE ENGINEERING RACK DESIGN TRANSLUCENT CONSTRUCTIONS DESIGN (KM, KMD) EXAMINATION OF COLLAPSE	AGRICULTURE INDUSTRIES AUTOMATION INDUSTRIES CONSTRUCTION INDUSTRIES TEXTILE INDUSTRIES GARMENT INDUSTRIES MACHINE BUILDING INDUSTRIES BULK HANDLING INDUSTRIES MINERAL PROCESSING AUTOMOBILE INDUSTRIES DEM INDUSTRIES PRINTING INDUSTRIES PACKAGING INDUSTRIES PLASTIC INDUSTRIES	RUBBER INDUSTRIES TESTING MACHINE INDUSTRIES SPACE INDUSTRIES MARINE/SHIP BUILDING INDUSTRIES CHEMICAL PLANT ENGINEERING THERMAL PLANT ENGINEERING FOOD PROCESSING INDUSTRIES OIL - GAS INDUSTRIES EFFLUENT TREATMENT INDUSTRIES WATER TREATMENT INDUSTRIES NUCLEAR EQUIPMENT INDUSTRIES ALLIED EQUIPMENT INDUSTRIES	PROJECT ENGINEERING ENGINEERING HANDLING EQUIPMENT ROAD AND RAIL TRANSPORT AIRCRAFTS ENGINEERING DESIGN CALCULATION FOR NUCLEAR POWER PLANTS CALCULATION OF SEISMIC EQUIPMENT CALCULATION OF PIPELINES OTHER PROJECTS	
		APM 16 VERSION		
		SCIENTIFIC-TECHNICAL CENTER APM CIVIL ENGINEERING APM WINMACHINE APM TEACHING AIDS APM PRESENTATION CERTIFICATE OF REGISTRATION CLIENT EXPERIENCE		
				
		SCIENTIFIC-TECHNICAL CENTER		
Software products line APM APM Multiphysics APM WinMachine APM MECHANIC APM STRUCT FEM TOPOLOGY OPTIMIZATION APM EMA APM FGA APM ECA APM FEM			APM WINMACHINE APM WINMACHINE COMPANY APM FEATURE APM BASE MODULE APM ELEMENTS MODULE APM TRANSMISSION MODULE APM ANALYSIS MODULE APM DYNAMICS APM KOMPAS	
				
PAVIATH INTEGRATED SOLUTION				