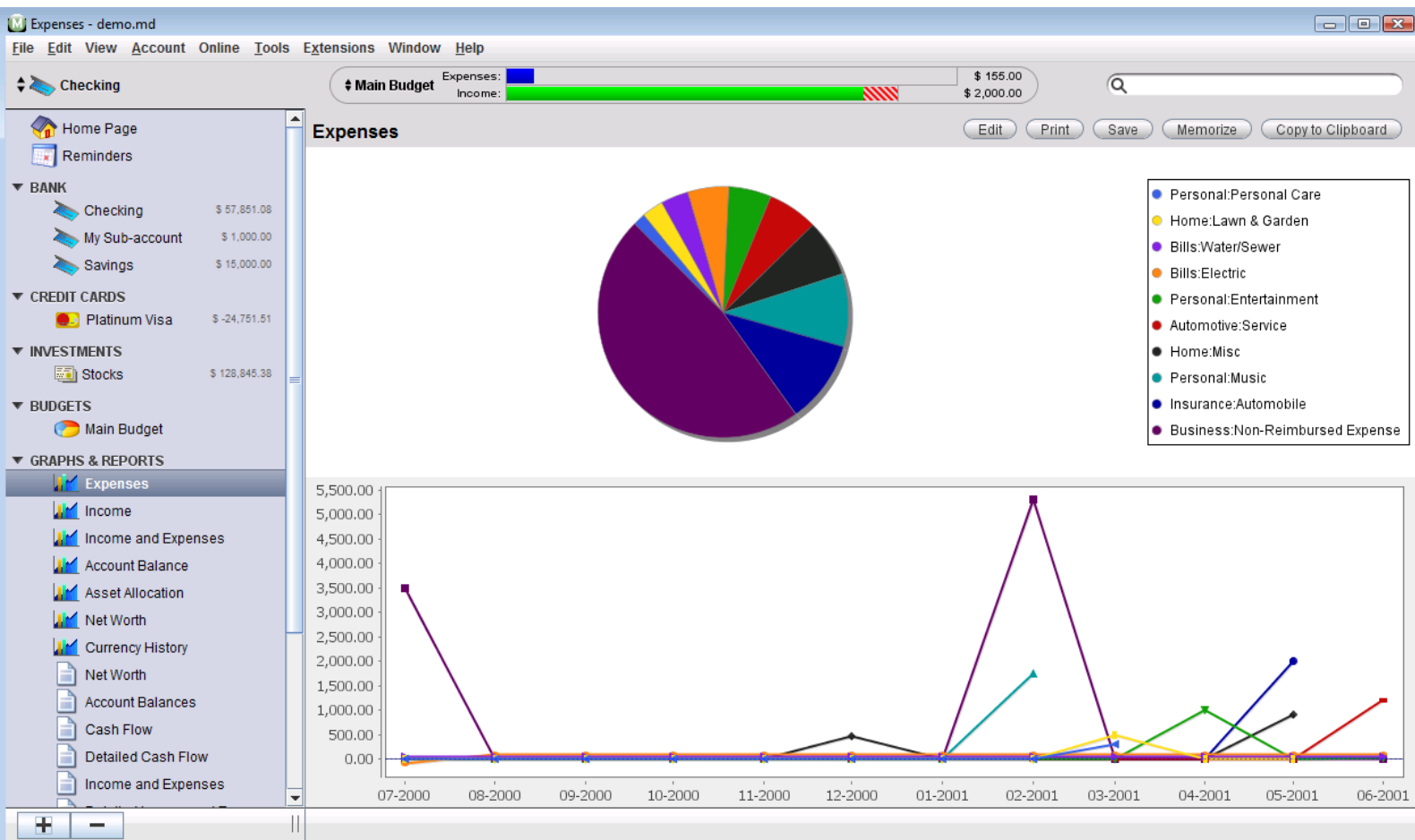


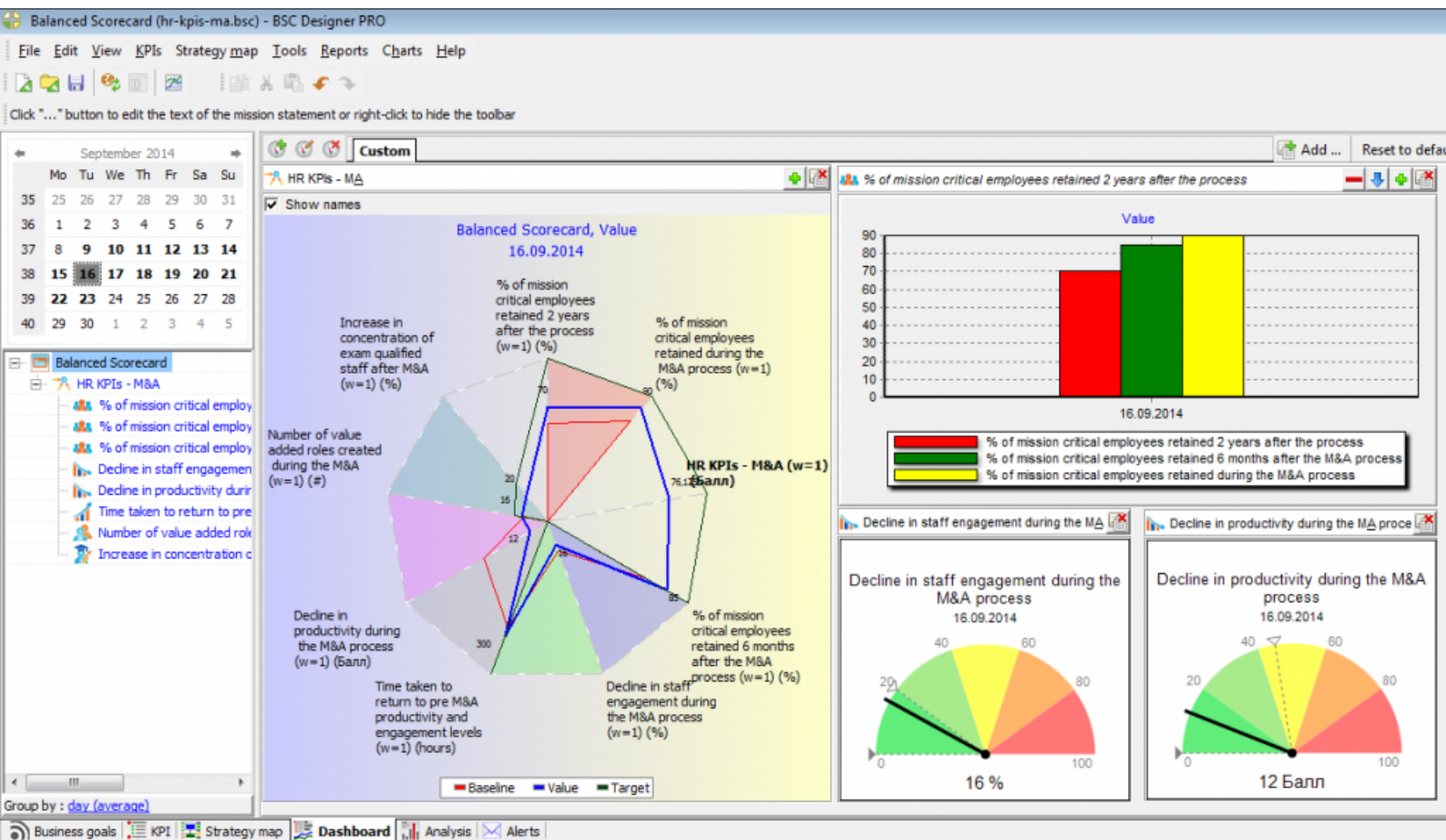
The screenshot displays the VirSat CEF Edition software interface, which is used for satellite system analysis. The interface is divided into several panes:

- Left Pane (Project Explorer):** Shows the project hierarchy, including the 'satellite' repository, 'apps' (Concept, de.dlr.sc.virsat.model.extension.ccf [1.0]), and 'S: Satellite' subsystems (documents, SM: SafeMode, SM: Science, SMP: SystemMassParameters, SP: SystemParameters, SPP: SystemPowerParameters, SS: AOCs, SS: Communication, etc.).
- Top Center Pane (Mass Summary):** A table summarizing mass data.

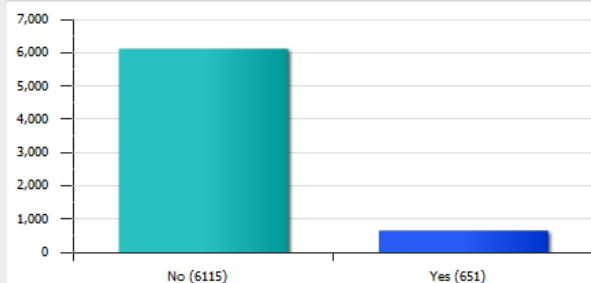
	Mass w/o margin [kg]	Margin (%)	Mass with margin [kg]
Total dry mass:	1888.00		1982.40
System margin:		20.00	396.48
Total dry mass with system margin:			2378.88
Propellant:			1330.00
Adapter mass:			300.00
Launch mass:			4008.88
Max launcher capacity:			4150.00
Buffer to launch mass:			141.12
- Bottom Center Pane (Contribution to total mass in %):** A pie chart showing the mass contribution of various subsystems: Power (cyan), Structure (red), DataHandlingSystem (blue), Propulsion (green), Communication (magenta), and AOCs (yellow).
- Right Pane (3D Vtk Viewer):** A 3D visualization of the satellite model, showing the main body, solar panels, and antennas.
- Bottom Left Pane (Mode Overview Table: Satellite):** A table showing power average (powerAvg) for various subsystems across different modes (Default, SafeMode, Science).

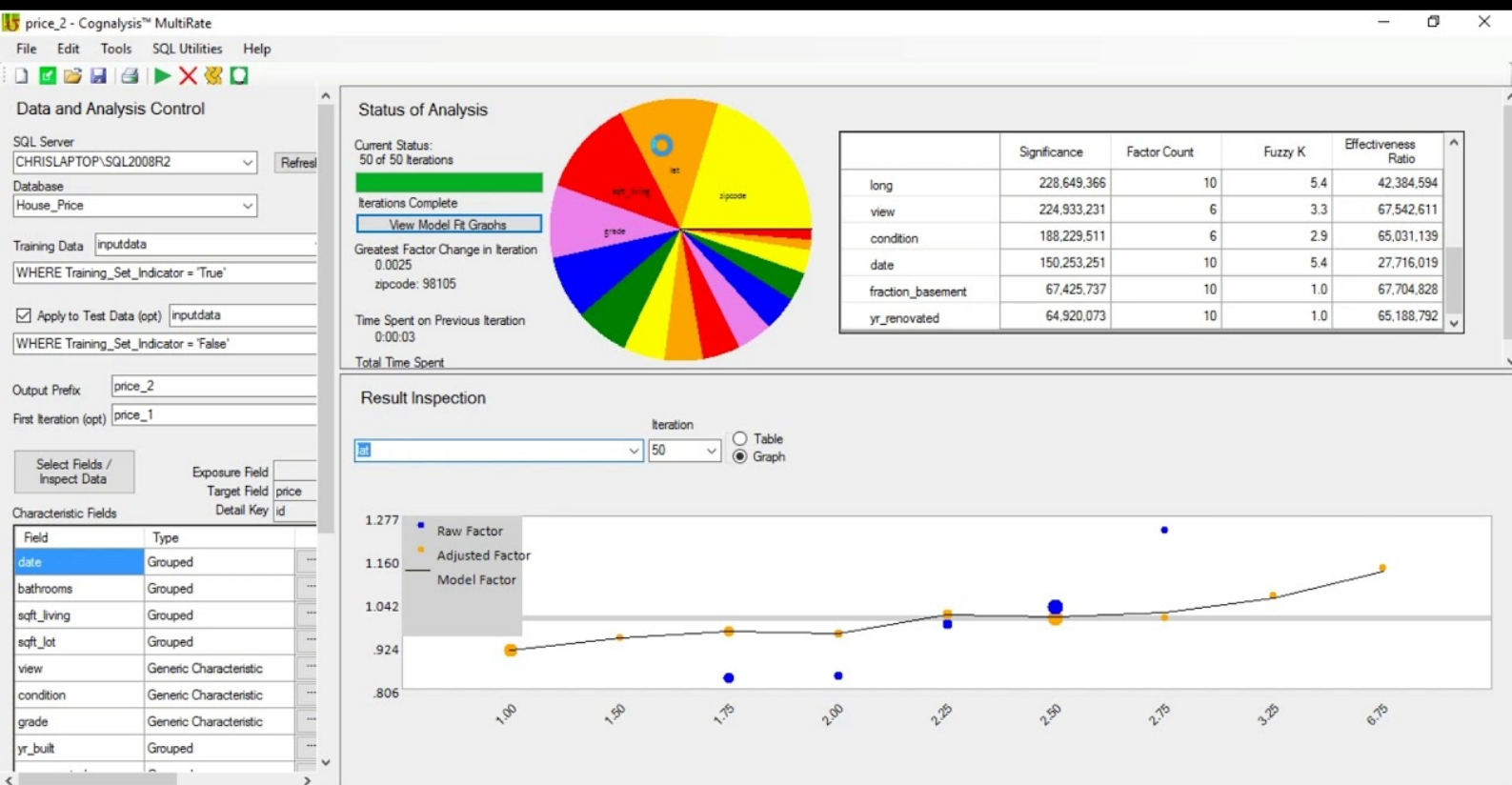
SEI	Parameter	Unit	default	SafeMode	Science
Satellite	powerAvgTotal	W	249.320	101.405	183.154
Power	powerAvgTotal	W	28.000	20.000	28.000
Power	powerAvg	W	17.000	9.000	17.000
SolarWings	powerAvgTotal	W	11.000	11.000	11.000
Communication	powerAvgTotal	W	23.320	21.004	23.320
Communication	powerAvg	W	21.000	21.000	21.000
Antenna	powerAvgTotal	W	2.320	0.004	2.320
AOCs	powerAvgTotal	W	88.000	0.085	0.150
Propulsion	powerAvgTotal	W	27.000	5.000	27.000
Propulsion	powerAvg	W	27.000	5.000	27.000
DataHandlingSystem	powerAvgTotal	W	53.000	77.000	53.000
DataHandlingSystem	powerAvg	W	0.000	0.000	0.000
CentralBoardComputer	powerAvgTotal	W	53.000	77.000	53.000
CentralBoardComputer	powerAvg	W	53.000	77.000	53.000
Structure	powerAvgTotal	W	30.000	0.000	30.000
- Bottom Right Pane (Mode Overview Graphs: powerAvgTotal):**
 - Parameter Mode Values:** A bar chart showing power average (powerAvg) for various subsystems across different modes (Default, SafeMode, Science). The y-axis is Power [W] (0 to 250). The x-axis is Modes (Default, SafeMode, Science). The bars are color-coded: Default (red), SafeMode (blue), Science (green).
 - Subsystem contribution: Default Mode:** A pie chart showing the power average (powerAvg) contribution of various subsystems to the total power average (powerAvgTotal) in the Default mode. The subsystems are: Structure->powerAvgTotal, Power->powerAvgTotal, Communication->powerAvgTotal, AOCs->powerAvgTotal, Propulsion->powerAvgTotal, and DataHandlingSystem->powerAvgTotal.





Profile Support About Logout





Invest Management & Research

European pig-breeding services

Event Measurement Continued

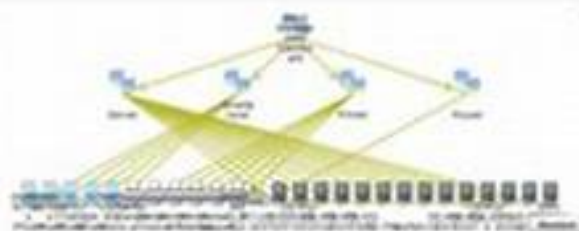
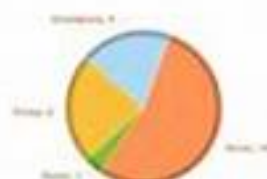
- [illegible]

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(0) none; (1) low; (2) medium; (3) high; (4) very high

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Marketing, Sales	Account	Field Management	Inventory	Support	Finance	Change
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Strongly disagree

#	Severity	#	Asset	#	Monitor Type	#	Monitor Target	Asset	Category	Index Time
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References