X-PERT FEATURE CHECKLIST

CROSS PLATFORM

Windows & Mac File Compatible	✓

SCHEDULING FEATURES

Build/Modify the Project

Network Diagram	✓
Bar chart (Gantt)	✓
Spreadsheet table	✓
Outliner	✓
Work Breakdown Structure	✓

Logic Linked Scheduling

Forward Pass	✓
Backward Pass	✓

Maximum Capacities

Operations per project	15,000
Links per Activity	Unlimited
Sub projects per project File	50
Operations per sub project	1,364
Linked project Size	Unlimited
Calendars Per project file	250
Label Fields (Zone/ Responsibility	500
Cost Codes	500
Character in Node Id Number	8
Calendar Length	89 yrs
Interfaces between Sub projects	Unlimited
Links between projects	Unlimited

Calendar Formats

DD-MMM-YYY	✓
MM/DD/YYYY	✓

DD/MM/YYYY	✓
MMM-DD-YYYY	✓
Numeric Format	✓

Work Breakdown Structure

Levels of Work Breakdown	**999**
Number of Work Breakdown Units per file	**1000**
Number of Characters In Breakdown Code	**12**
Activity Descriptions – max no. of characters	**254 chs**
Activity Comments – max. no. of characters	**254 chs**

Duration Units

Seconds	✓
Minutes	✓
Hours	✓
Days	✓
Weeks	✓
Months	✓
Shifts	✓
User Defined Start of Week	✓

Network Diagram

Arrow Diagramming	✓
Precedence Diagramming	✓
Drawn Automatically	✓
Zoom In & Out	✓
Filtered Logic	✓
Change Fonts Size	✓
Add text	✓
Add Pictures	✓
Cut/Copy/Paste for Cloning	✓
Summary, Network Rollups	✓

Recording Progress

Actual Start	✓
Actual Finish	✓
% Complete	✓

Balance to go	✓
Out of Sequence Processing	✓
Number of Activity Types (for ADM)	**19**
Number of Event Types (for ADM)	**21**
Number of Task Types (for PDM)	**8**
Link Types (for PDM)	**SS, SF, FF, FS**

Critical Path Time Control Features

Earliest Dates	✓
Deadlines	✓
Target Start/Finish	✓
Fixed Start/Finish	✓
Start Only	✓
Just in Time	✓

COST CONTROL FEATURES

Cash Flow Forecasting

Earned Value Analysis	0/100
	50/50
	% Complete
	100/0
Calculations	BCWS
	BCWP
	ACWS
	ACWP
	BAC
	EAC
	ETC
	RV
	CV
	SV
	VAC
	CPI
	SPI

Budget Control

Costs To date	✓
Projected Costs	✓
Cost to Complete	✓

Wastage Analysis	✓

Cost Rates per Resource

Used	✓
Unused	✓
Overtime	✓
Overload	✓
True Overtime Costing	✓
Selective Cost Roll Ups	✓
Cost Rate Change Points per Resource	**20**
Billable Ratios	✓

Accrual of Costs

Daily	✓
Weekly	✓
Bi-Weekly	✓
Monthly	✓
Quarterly	✓
Annually	✓

Cost Reports

Standard	**8**
Graphic	**8**
User Defined	**Unlimited**

RESOURCE MANAGEMENT FEATURES

Resource Analysis

Logic Linked Resource Scheduling	✓
Time Limited	✓
Resource Limited	✓
As Early As Possible	✓
As Late As Possible	✓
User Defined Priorities	✓

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Resource Capacity

Number of Resource Per Project	**250**
Changes In Resource Availability	**20**
Number of Resources Per Task/Activity	**20**

Resource Usage

Planned	✓
Actual	✓

Resource Schedule Units

Minutes	✓
Hours	✓
Days	✓
Weeks	✓

Resource Control Features

Individual Resources	✓
Group Resources	✓
Resource Proficiency	✓
Adjusts Duration for Resource Efficiency	✓
Partial Resource Assignments	✓
"Not to Exceed" Resource Levels	✓
Splitting to prevent Resource Conflicts	✓
Non - Split Operations (Cannot be interrupted)	✓
Consecutive Operations (Not Interrupted)	✓
Elastic (Stretches According to Resource availability)	✓
Project Non-Split Facility	✓
Considers Location When Allocating Resources	✓
Minimum Split (Interrupt in definable chunks)	✓
Project Minimum Split	✓
Sponge (Uses unused Resources)	✓
Float to Longest Path	✓
Maximum Delay Period	User defined

Resource Reports

Detailed Resource Histograms	✓
Summary Histogram by Time Period	✓
Histograms of Groups of Resources	✓
Resource Tables	✓
User Defined	**Unlimited**

REPORTING & PRINTING

Standard Reports

Network Diagram	✓
Gantt Charts	✓
Gantt Chart Planned versus Actual	✓
Gantt - Short Term	✓
Linked Gantt (Logic)	✓
Linked Gantt (Time)	✓
Tables	✓
Activity/Task	✓
Resource Histograms	✓
Cost Profile (S-Curve)	✓
Cost Pie Charts	✓
WBS (Tree) Diagram	✓
Outliner	✓
Milestones	✓
Job cards	✓
Progress	✓
Cost Trend	✓
Cost Plan & variance	✓
Charge Out	✓
Job Cost Status	✓
Plotting	✓
Print Preview	✓
Live Updating of Reports	✓
Copy Reports to Graphics Type	✓
Folders for Most Often Used Reports	✓
Combine Reports Into One	✓

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User Definitions

Reporting	✓
Gantt Chart Symbols	✓
User Controlled Colours and Patterns	✓
Text and Graphics on Reports	✓

Filters

Selection Keys	**14**
Sorting Keys	**17**
Saving User Defined keys	**Unlimited**
Hand Pick	✓

Baseline Archiving

Master Archive	✓
Current Archive	✓
Previous Archive	✓

INTEGRATION

Import & Export ASCII, CSV, DIF	✓
Import MPX (MS Project)	✓
User Defined Queries	✓
Export & Open XML format files	✓