



## Micro Planning International Ltd

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### **An Introduction to PERT (Project Evaluation Review Technique) by John Cornish Managing Director MPI International Ltd**

Enterprises everywhere want to develop, design, manufacture and produce the first batch of a new product.

They need minimum confusion, shortest time to market, all delivered with minimum costs.

Various project monitoring techniques have evolved to administer a new project.

Graphs, bar charts, line of balance, and many others have been tried but found to have serious shortcomings.

Program Evaluation and Review Technique (PERT) is a fifty year-old tool and it is as effective today as was in the 1950's. Nothing has replaced it.

The PERT (Logic) Diagram is a tool proven on large, medium and small projects. It highlights the project's organisation, activities, costs and budgets.

It clarifies their inter-relationship and their inter-dependencies.

Other terms that describe the same technique are 'Network Scheduling' 'CPA', meaning Critical Path Analysis, 'CPM', Critical Path Method etc.

It is used today on projects in all main industries including, Construction, Transport, Engineering, Pharmaceuticals and IT/Communications.

Micro Planning International Ltd (MPI) is a company of Project Managers who have been developing tools for Project Managers since 1978.

Micro Planner X-Pert is their core product and as soon as you open the workbench you see that PERT is central - it works the way you, as a professional Project Manager, want to work.

MPI have published their PERT manual to introduce you to the basic principles.

This manual and the evaluation version of Micro Planner X-Pert are both 'free to download' from [www.microplanning.co.uk](http://www.microplanning.co.uk)

You will benefit from being capable of drawing PERT networks and explaining them to your project team. The PERT (Logic) Diagram enables the more familiar Gantt charts to be produced. But let's all get back to starting our projects using PERT.

The 'health warning' is that avoiding pitfalls can only come with experience.

If your company needs a skills audit on Project Management, or Project Planning and Scheduling, then call John Cornish at Micro Planning International Ltd.

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