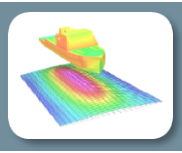
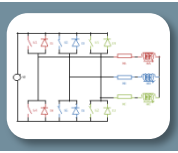
opera simulation software

COBHAM



FEA ANALYSIS
General-purpose multi-physics design and analysis software for a wide range of applications

OPTIMIZER
Automatically selects and manages multiple goal-seeking algorithms



INTEROPERABILITY
Built-in circuit modelling and interfaces to leading CAD packages

SERVICE
Technical support, training and consultancy services available for software usage and applications

Welcome to the 2014 Opera User Group Meeting

Introduction

Kevin Ward

VECTOR FIELDS

COBHAM opera simulation software

Vector Fields Ltd incorporated August 6, 1984

C W Trowbridge

J Simkin

J Whitney

1984…

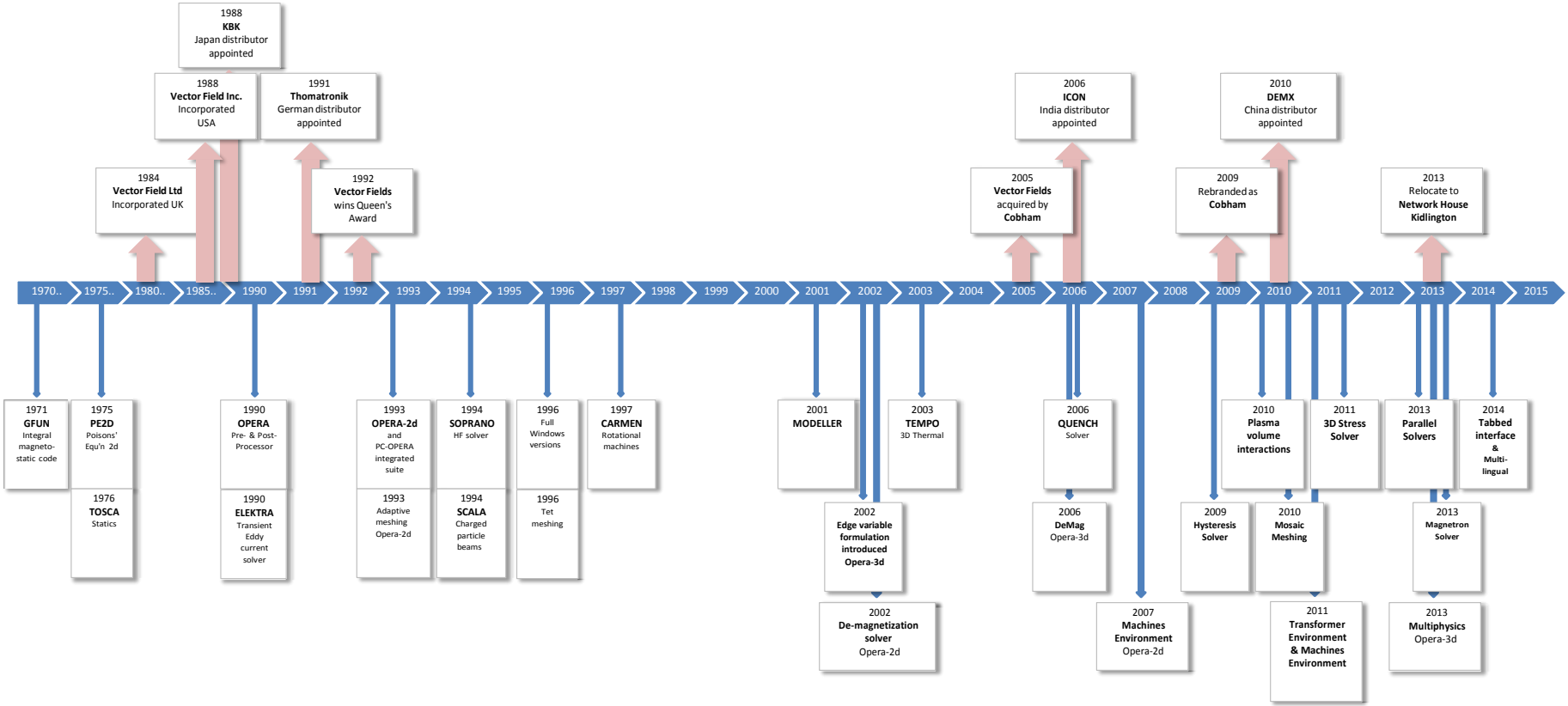
- **Typical Hardware – Sun 2/120 server**
  - 10 MHz processor
  - 8 Mb RAM
  - 2 x 71 Mb HDD
  - 60 Mb Tape drive

… and all for $50,000

VECTOR FIELDS

Vector Fields
software for electromagnetic design

COBHAM



30th Year – looking to the future

COBHAM opera simulation software

opera simulation software

- **User Presentations**
  - Electrical Machines
  - Charged Particle Devices
  - Accelerator Magnets
- **Opera 17 and beyond**
  - New Features
  - Development Programme
  - Workshops