

## RISK ENGINEERING

- Event & Failure Databases, e.g. HSE-HCR, OREDA, NPRD
- HAZOP Manager, PHA Works, PHA Pro
- Reliability Workbench, FaultTree+, Risk Spectrum, Logan
- PHAST, FRED, CIRBUS
- CFAST, ALOFT, FDS, SCOPE
- US EPA dispersion models
- FLACS, CEBAM, AUTOREAGAS, PANACHE
- Experimental scale models
- Bespoke Event, Ignition, Effects, SIL & Risk Models
- Shell SHEPHERD, PHAST-RISK, RiskPlot, RiskCurves
- SURFER, @RISK, Crystal Ball
- BowTieXP, THESIS

## MANAGEMENT SYSTEM

- MS Maturity Model
- BowTieXP, THESIS
- SkillsXP
- KnowledgeXP
  - AuditKM
  - FlowKM
  - CaptureKM
  - RiskKM
- Tripod-Delta
- Cultural Survey Tools
- Hearts & Minds
- Project Risk Tools

## SPECIALIST SERVICES

- Fire Protection
  - HAAS
  - KY PIPE
  - F&G Mapping
  - Autocad
- Human Factors
  - Bespoke HF Models
  - HEART, THERP
- Incident Investigation & Analysis
  - Tripod-Beta
  - Track
  - Black BowTieXP
- Evacuation Modelling
  - EXODUS
- Natural Hazards Risk Assessment
  - Walkdown Tools
  - Vulnerability Data
- Structural Integrity and Analysis
  - Finite-Element Codes