

**COSTAIN**

**Costain ICT Strategy 2001 - 2006**

Presentation by  
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Business Systems Group

costain

**Costain**

- Costain's 5 Year ICT Strategy.
- iCosNet - Enterprise Portal - Demo
- Future ICT Strategy ?

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138 Years of 'Engineering Excellence'

Tsing Ma Suspension bridge    The Thames Barrier    The Channel Tunnel

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138 Years of 'Engineering Excellence'

<p><b>Growth Strategy - Set 2001</b></p> <ol style="list-style-type: none"> <li>1. Restructure</li> <li>2. Shift towards Asset Mmt</li> <li>3. International Markets.</li> <li>4. Best Practise program (ICT strategy)</li> </ol>	<p><b>2003 - 2004 Cont...Growth</b></p> <p>Turnover up 20% E650.2m. Profit up 42% E16.1m. Forward Orders of E805 m. Strong Cash Balance 70.6m.</p>	<p><b>Targets for 2006</b></p> <p>1 billion £ turnover 3% Margins on Projects</p>
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**PRE TAX PROFIT**

Year	Profit (m)
2000	6.5m
2001	8.7m
2002	11.3m
2003	16.1m

**COSTAIN GROUP TURNOVER**

Year	Turnover (m)
2000	386 m
2001	462.9 m
2002	543.4 m
2003	650.5m

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Outline of ICT Strategy    ICT Strategy 2001 - 2006

**iCosNet ICT Platform**

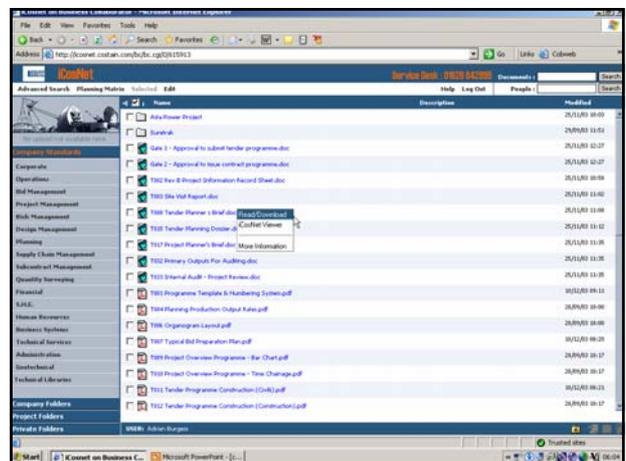
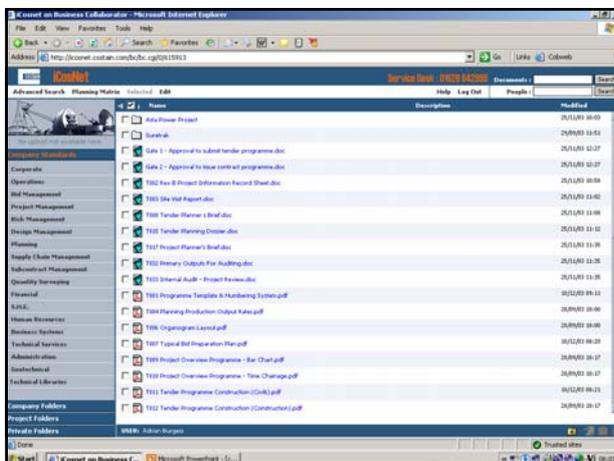
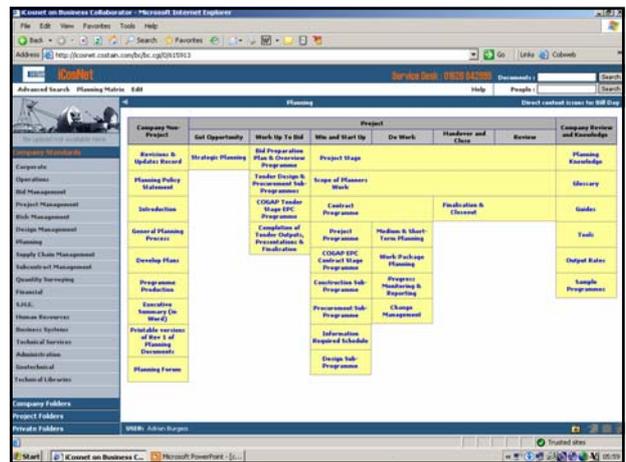
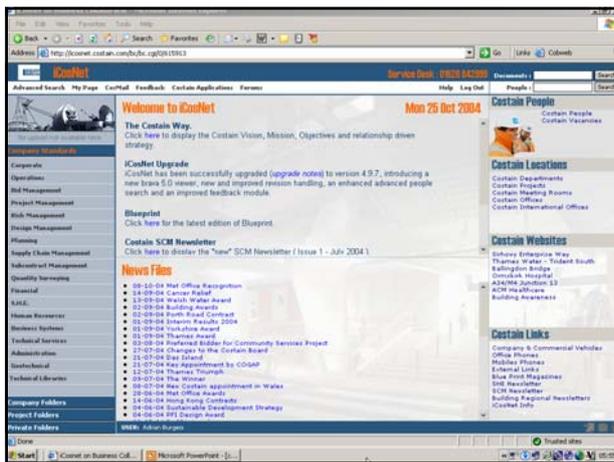
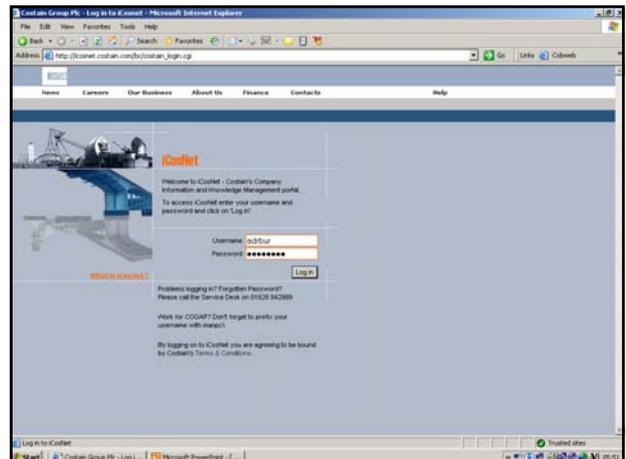
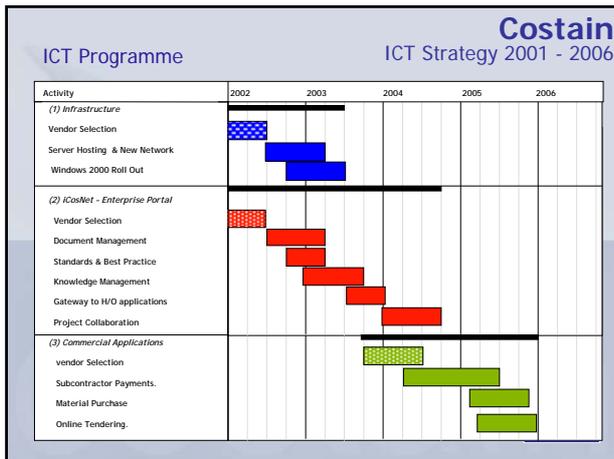
- Standards & Best Practise
- Document Management
- Knowledge Management
- Gateway to Costain Apps
- Project Collaboration
- Sub Contractor Payments
- Material Purchase online
- Tendering Online

**COSTAIN**

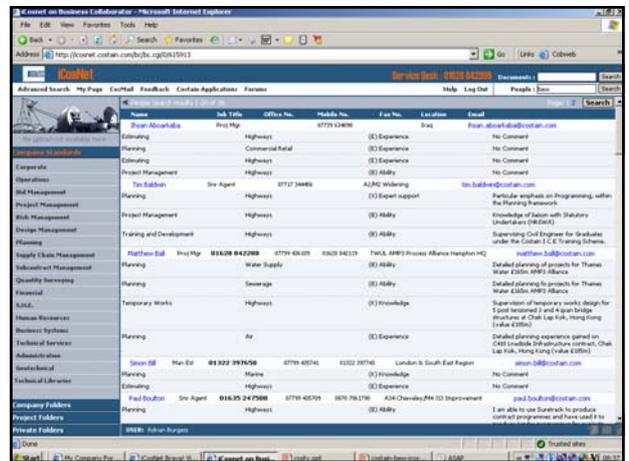
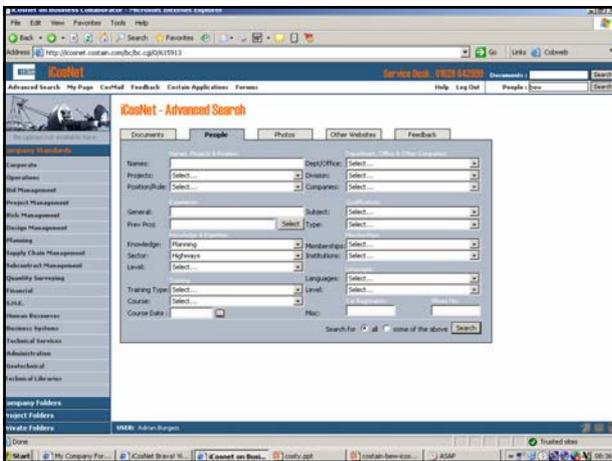
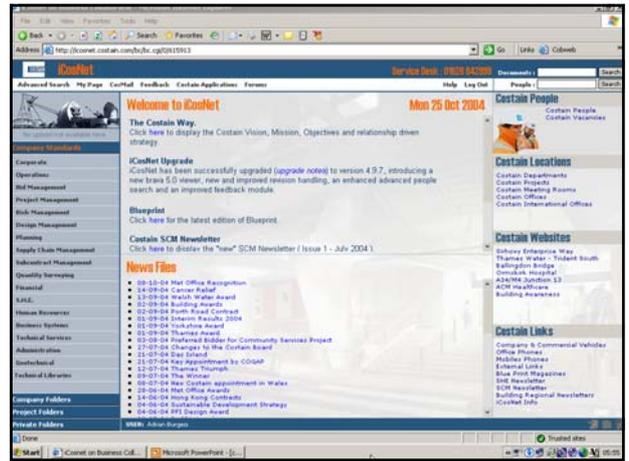
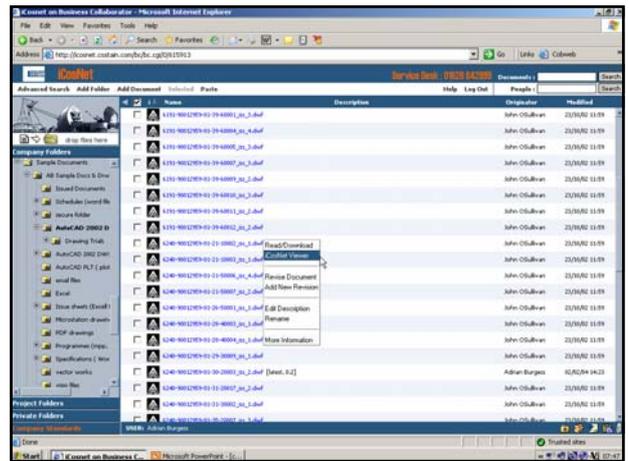
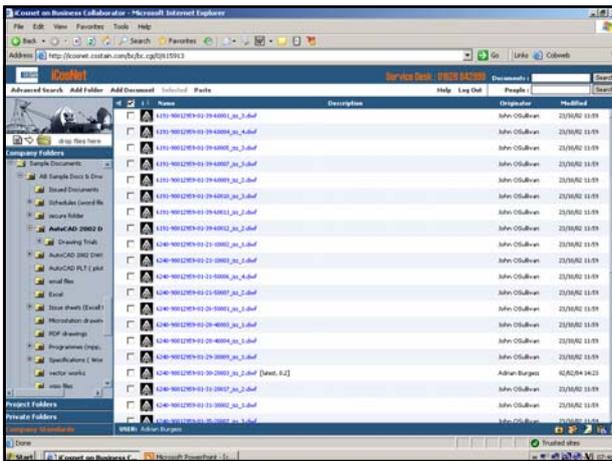
**Costain**  
ICT Strategy : 3 Phases    ICT Strategy 2001 - 2006

<p><b>1 Infrastructure</b></p> <ol style="list-style-type: none"> <li>1. Staff PC Upgrades.</li> <li>2. Windows 2000</li> <li>3. Hardware &amp; Data centre.</li> <li>4. Fast connections to WAN</li> <li>5. Fast connections to Internet</li> </ol>	<p><b>2 Enterprise Portal</b></p> <ol style="list-style-type: none"> <li>1. Document Management</li> <li>2. Standards &amp; Best Practise</li> <li>3. Knowledge Management</li> <li>4. Gateway to H/O Programmes</li> <li>5. Project Collaboration</li> <li>6. Ecommerce Modules</li> </ol>	<p><b>3 Commercial Apps</b></p> <ol style="list-style-type: none"> <li>1. Accounts Payable /Receivable</li> <li>2. Advanced Cost Accounting</li> <li>3. Cash Accounting</li> <li>4. Expense Management</li> <li>5. Financial Planning</li> <li>6. Financial Budgeting</li> <li>7. Financial Reporting</li> <li>8. Fixed Asset Accounting</li> <li>9. General Ledger</li> </ol>
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**Key Professional Experience**  
 Civil Engineering  
 Civil Engineer with 15 years construction and consultancy experience in both large and small scale civil engineering projects worldwide. Industry sector experience includes airports, dams, water & wastewater treatment and bridges.

**Professional Expertise**  
 Project Management - 4 Ability  
 Risk Management - 4 Ability  
 Planning - 4 Ability  
 Supply Chain Management - 4 Ability

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**Qualifications, Memberships, Training & Languages**

**Company Folders**  
 Project Folders  
 Private Folders

**Welcome to iConNet**

The iConNet Way  
 Click here to display the iConNet Vision, Mission, Objectives and relationship down strategy.

**iConNet Upgrade**  
 iConNet has been successfully upgraded (upgrade notes) to version 4.9.7, introducing a new front end browser, new and improved session handling, an enhanced advanced people search and an improved feedback module.

**Blueprint**  
 Click here for the latest edition of Blueprint.

**Connet SCM Newsletter**  
 Click here to display the "New" SCM Newsletter ( Issue 1 - July 2004 )

**News Files**

- 10-10-04 Mat Office Recognition
- 10-09-04 Cancer Relief
- 12-09-04 Watch Water Award
- 12-09-04 Building Awards 2004
- 12-09-04 South Road Contract
- 12-09-04 Thames Awards 2004
- 12-09-04 Yorkshire Award
- 12-09-04 Thames Awards
- 12-09-04 Thames Awards for Community Services Project
- 12-09-04 East London
- 12-09-04 Changes to the iConNet Board
- 12-09-04 Key Appointment by COGAP
- 12-09-04 Thames Township
- 12-09-04 The Winner
- 10-09-04 Key iConNet appointment in Wales
- 10-09-04 Hong Kong Contracts
- 10-09-04 RFI Design Award

**Sub-Contractor Performance**

Enter the name of a Sub-Contractor in the box below.

This may be the full name or simply a part name or prefix with \* for wildcard searching, all qualifying references will be displayed.

Search box:

Buttons: [Select] [Clear]

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**My In Tray**

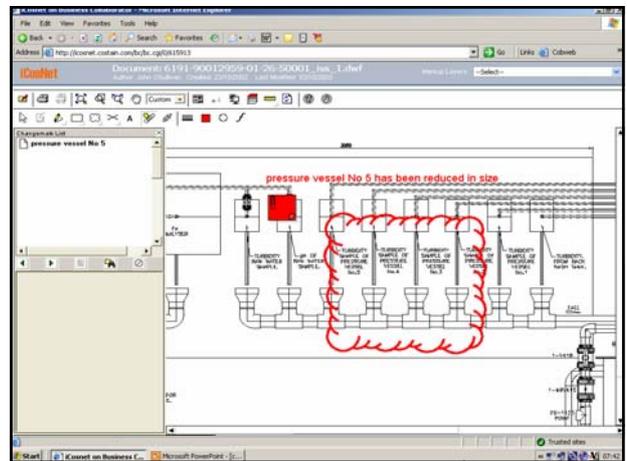
Document	Info	Comment	Approval	Action
Drawings	3	36(0%)		
Specifications	7	10(12%)		
Schedules	2	2(10%)		
Method Statements	2	2(10%)		

**My Out Tray**

Document	Info	Comment	Approval	Action
Drawings	3	3(14.6%)		
Specifications	7	10(12%)		
Schedules	2	2(10%)		
Method Statements	2	2(10%)		

**Project Documents**

Document Type	Count	Company
Drawings	80	100%
Specifications	70	100%
Schedules	20	100%
Method Statements	20	100%



**Costain**  
iCosNet - Enterprise Portal

- 1,200,000 Hits / week
- 300 GB of documents. Approx 1,000,000 docs
- 200 Supply Chain Companies
- 200 concurrent users
- 3500 + users
- 65 Active Projects Workspaces
- 33 Active Company Workspaces

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iCosNet - Enterprise Portal

- Not technology led & Business Owned
- Balance of People: Process : technology
- Clear Vision Strategy & Plan
- Easy of Use
- Incentives
- Training Programme (1000 man days 2003, 600 - 2004 )
- People & Champions

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The Future

ICT strategy futures !

1. Technology will move faster and faster.
2. Next 5 years could be more change than in the last 50
3. 3D Single Model Environments. ( Design Management)

Heathrow Express  
Up to 15%

Basingstoke Shopping  
Centre 9.8%

Endeavour House  
10%

Heathrow Terminal 5  
7% (targeting 10%)

Beyond that

**COSTAIN**

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The Future

ICT strategy futures !

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3. 3D Single Model Environments.
4. Project Extranets - Process Management
  - Easier to use
  - Strategies, Methods and protocols -
  - More flexible Workflow - Processes
  - Extended use >> Supply Chain & life cycle

Beyond that

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Beyond that

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6. Visualisation & Simulation Tools
  - 3D renditions & Animated Fly throughs
  - 4 D Planning
  - Simulation tools

Beyond that

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6. Visualisation & Simulation Tools
7. E - Commerce
  - On Line tendering & Estimating tools
  - Online catalogues and procurement
  - Subcontractor Payments

Next 5 years

Beyond that

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6. Visualisation & Simulation Tools
7. E - Commerce
8. BIM - Building Information Model ( Intelligent Object Design)
  - Architectural
  - Too complicated
  - Real Time Internet Collaboration ?

Next 5 years

Beyond that

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We are no longer constrained by  
Technology

Just our ability to harness it !

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