Mitigate Supply Chain Risks & Inefficiencies By Collaborative Supply Chain Mapping
Multi Tier Collaboration & Risk Management In Complex Manufacturing Supply Chains

- Manage Risks and Inefficiencies In Your Supply Chain
- Accurately Map All Sub Tier Suppliers Through Collaboration
- Mitigate Risk By Scenario Planning
- Embed Control and Improve Decision Making
- Maximise Supply Chain Design and Control
- Produce a Collaborative Eco System That Engages At All Tier Levels
- Effectively Share Data & Visibility Upstream & Downstream
- Begin Extracting Supply Chain Intelligence From Big Data
Background

- valuechain.com has been developed following several years of PhD research into best practice aerospace supply chain collaboration and systems integration.

- Experienced leadership team have worked for aerospace OEMs and lead global SMEs in aerospace industry.

- Secured £276K innovation funding from Technology Strategy Board.

- £1.9m ERDF project promoting collaboration of 64 NW advanced manufacturing companies.

- Secured £300K NATEP funding to roll-out valuechain.com working with Bombardier and several tier 1 and 2 companies.

- Selected by Bentley and North West Automotive Alliance as technology provider on an AMSCI funded NPI collaboration platform.

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Dynamic Multi-Tier Supply Chain Mapping

Supply Chain Intelligence

- Live Operational Performance
- Qualitative Supplier Audits
- Financial Status & Environmental Hazards

Data Transparency

Supply Chain Collaboration

- Collaborative Planning Systems
- Boardroom to Shop floor Visibility & Accountability

Risk Management

- Risk Analysis
- Supply Chain Design & Scenario Planning

Business Excellence

- Streamlined, Standardised & Systemised Processes

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In the Share section you can define which reports and charts are to be shared with your team members, customers and suppliers using any of the following three methods:

• direct access provided to selected users so that they can view using their log-in details to OpenBook. If the users work within your business then the report will be available in myCompany whereas if users are external then it will appear in myPartners section
• send automated reports and charts by email on a fixed frequency
• send users a link by email which will give the user access to a live report

On-line portals can be easily configured and tailored for specific customers and suppliers to share your business data dynamically such as order book status, inventory levels and operational performance measures for example.

You can access a library of industry best practice reports and charts so that you can get going immediately and benefit from advanced reports and performance measures such as on-time in full delivery and parts per million quality performance.

OpenBook can be accessed remotely from your mobile and tablet using the valuechain.com mobile app which can be downloaded from m.valuechain.com.
Multi-tier Supply Chain Mapping
...multi-tier supply chain mapping

monitor supply chain RISK

create integrated supply chain dashboards
Supply Chain Design

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Multi-tier Supply Chain Mapping

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Invite Members

Accept Email Invites

You are invited by P Ltd to join the NEW ASPIDE 2000 network.

Hi Katy Smith,
Please join this network which is for manufacturing NEW ASPIDE 2000.

Accept Reject
View network profile

http://test.valuechain.com/Ginnes/Network/Invite/9WYM1595tFUnUJ
## Multi-tier Supply Chain Mapping

<table>
<thead>
<tr>
<th>Connections</th>
<th>Customer Connections</th>
<th>Supplier Connections</th>
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<tr>
<td>N Ltd</td>
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</tbody>
</table>

**Total:** 27
Live Operational Performance

Customer Reject PPM by month in last 6 months

Delivery OTIF by month in last 6 months

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Supply Chain Restructuring

Select Suppliers for Parts (Bill of Materials)

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<tr>
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</tbody>
</table>

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Environmental Hazards

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Financial Robustness

Credit Score Class: 3
Moderate risk of severe payment delinquency over next 12 months

Financial Stress Class: 4

D&B PAYDEX: 73
When weighted by dollar amount, payments to suppliers average 11 days beyond terms.
Scenario Planning

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Embedding Supply Chain Excellence

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- Collaborative Planning Systems

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Boardroom to Shop floor Visibility & Accountability
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Multi-tier Extended Enterprises

£600K innovation projects

Aerospace Special Process Optimisation

Service Level AND Productivity = Global Competitiveness
Innovative business improvement solutions for aerospace subcontractors

- **lean npi**: Streamlined aerospace NPI
- **DNA erp**: ERP for aerospace SME subcontractors
- **analytiQs**: Advanced business reporting & supply chain portals
- **iQonnex**: Aerospace customer & supplier relationship management
- **iQapture**: Internal & external AS9100, NADCAP & Aerospace OEM auditing
- **iQlusta**: Aerospace supply chain mapping & network collaboration