Q-Star™
Coalition and Commonality Server
(QCCS)
QCCS

What is the QCCS
- Semi-Mirrored version of the DoD version of QStar with a separate user parts lists database

Why
- Government-Industry BOM sharing
- Increased Part Commonality interaction from QStar user community
- Coalition Member access (pending)
QStar DoD Version

Government Users

Indentured and Flat Parts Lists

Flat Parts Export

Flat Parts Lists Only

Opt in Commonality and List Sharing Across all Government Users

QStar Commercial Version

Commonality/Coalition System

Coalition Users

Indentured and Flat Parts Lists

Flat Parts Lists Only

Commonality and User Controlled List Sharing Across all Participating Users

QStar Commercial Version

Commercial Users

Indentured and Flat Parts Lists

Flat Parts Export

Flat Parts Lists Only

Company Segregated Access to List

Note: All actions are user initiated; no automated parts loading across systems
What is Commonality

Part Commonality for Part Number: 74F64SJ

Locations where this part is used within this project:

<table>
<thead>
<tr>
<th>List Name</th>
<th>Item Number</th>
<th>Customer Reference</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>SYM CCA</td>
<td>103311-001</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td>3</td>
</tr>
</tbody>
</table>

Locations where this part is used within other projects:

Not used elsewhere within your BOMS

Other users of this part:

<table>
<thead>
<tr>
<th>User Name</th>
<th>Activity</th>
<th>email</th>
<th>phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joe Brown</td>
<td>ABC Corp.</td>
<td><a href="mailto:JBrown@ABCcorp.com">JBrown@ABCcorp.com</a></td>
<td>(941) 555-3256</td>
</tr>
<tr>
<td>Bill Smith</td>
<td>RJ Aerospace</td>
<td><a href="mailto:BSmith@RJAero.com">BSmith@RJAero.com</a></td>
<td>(310) 555-8778</td>
</tr>
<tr>
<td>Ted Turner</td>
<td>NSWC Crane</td>
<td><a href="mailto:TTurner@Navy.mil">TTurner@Navy.mil</a></td>
<td>(340) 555-4328</td>
</tr>
</tbody>
</table>
Commonality Trends in the DoD QStar

- 230,500 distinct parts submitted by users in Library
- 196 users
  - People logging into Q-STAR
  - Independent of submitting a list
- 97 users selecting commonality
- 94,140 parts shared by 2 or more users
Commonality Trends

Unmatched Parts

- 2 Users: 25912
- 3 Users: 6988
- 4 Users: 1301
- 5 Users: 711
- 6 Users: 482
- 7 Users: 333
• Sharing Features

Initial Level of Filtering - Agency
QCCS

• **Access**
  – DoD and US Government Users
    • No difference; license covered by DoD License
    • GIDEP Userid/Password
  – Industry Users
    • Commercial Subscription to QStar
    • GIDEP Userid/Password

• **Logging On**
  – No users or data transferred to QCCS; completely voluntary
  – Can export from DoD QStar system (to excel or csv) and import into QCCS
• Differences from DoD version of QStar
  – Flat Parts lists only
    • system will accept Indentured BOMs (ignores indenturing information)
    • Indenturing related features removed
    • Part sharing at the list level only
  – No Delete Capability (considering time delay)
  – Commonality Participation is a requirement
  – No alerts
    • reduces duplicate alerting from DoD QStar server or Commercial System
  – As a note; the DoD Sharing is Optional
QCCS

• **Solution Data Sharing (under consideration)**
  - Solution notes shared through Commonality Screen
  - Considering additional fields during the solution collection process
QCCS

- Reports
  - All standard reports available
  - Considering new reports
    - Commonality count by list
    - Parts list that have Commonality and count