

net-inspect

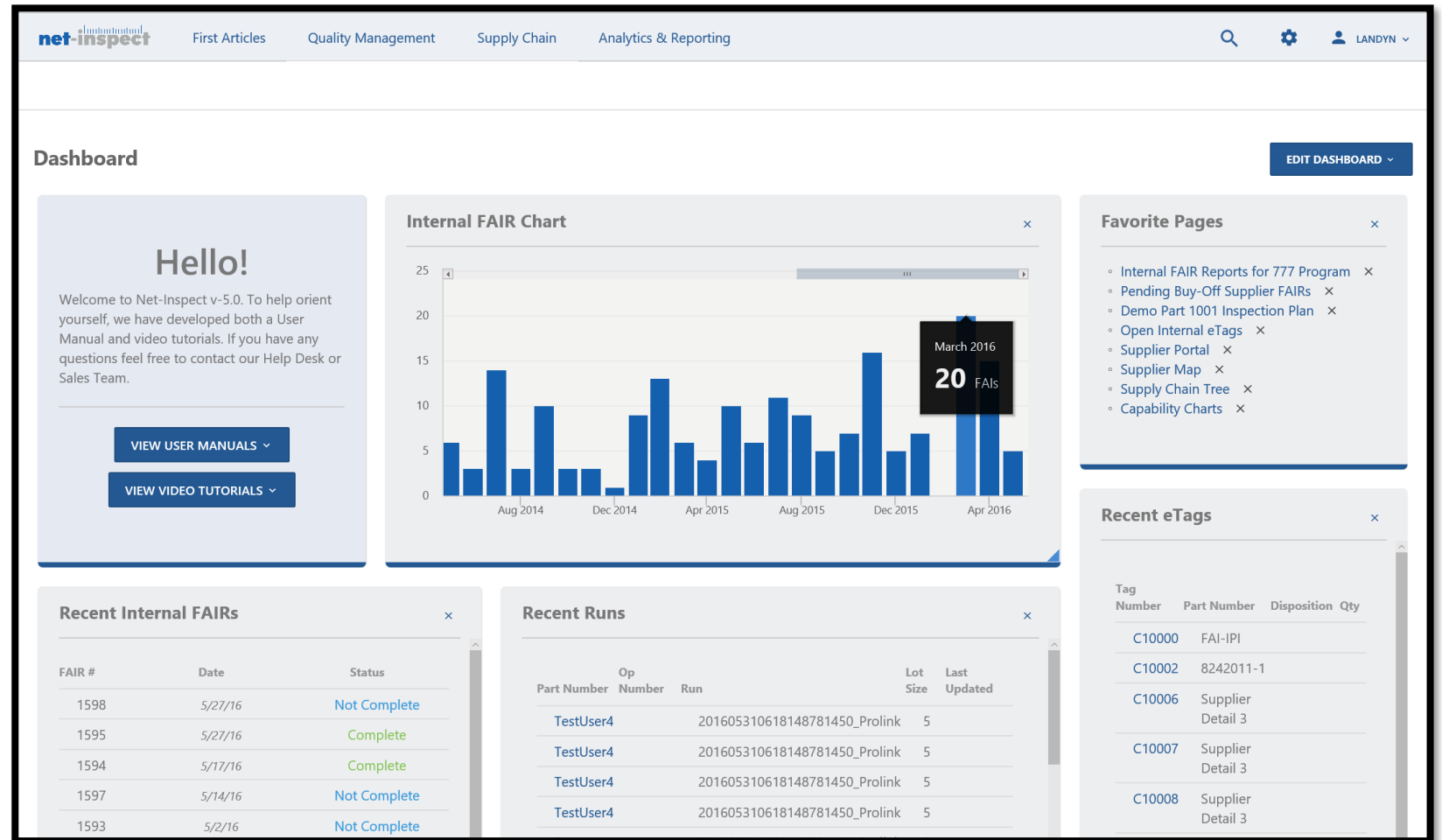
supply chain and quality management software



Dashboard

Dashboard

Each user can customize their own dashboard. The user can add and remove widgets and even modify some of the widgets. This will allow users to view and directly access the information that matters most.



Favorite Pages

Users can add any page to the “Favorite Pages” widget on their dashboard. This allows the user to access their frequently accessed or favorite pages with a single click.

The screenshot displays the net-inspect Quality Management interface. The main area features a table with columns for feature ID, description, operation, and various measurement parameters. The data is color-coded: green for pass, yellow for warning, and red for fail. A sidebar on the left shows a 'Parts For Review' list with items like '115A1 (1390)', '11A11 (43)', and 'Unilateral CPK (442)'. The top navigation bar includes 'First Articles', 'Quality Management', and 'Calibration'. The right sidebar contains user settings like 'Tools', 'Language', and 'Account'. The bottom right corner shows the version 'Net-Inspect 5.0.7973 (build 4498)' and '1 - 30 of 36 features'.

#	Description	OP	N...	Hi	Lo	H	L	M	R	C...	eT...	FA..	1	2	3	4	5	6	7	8
2.01	clevis ear width	50	0.5	0...	-0...	0	0	0	0				✓	✓	✓	✓	✓	✓	✓	✓
3	CLEVIS EAR WIDTH	50	0.5	0...	-0...	40	-44	2.7	84	1.52			4	16	-20	-8	8	24	22	40
4	clevis OD width	50	1...	0...	-0...	35	-20	3.75	55	2.07			-17	-20	20	10	10	10	0	35
9	.6235/.6241 Hole dia. (clevis)	50	0...	0...	-0...	-50	-1...	-7...	50	0.44			-83	-67	-1...	-67	-67	-50	-67	-1...
10	DEPTH OF SERIAL NUMBER	110	0...	0...	-0...	-16	-40	-2...	24	3.55			-20	-16	-40	-20	-28	-24	-20	-28
14	.6233/.6243 Hole dia. (ear)	50	0...	0...	-0...	-30	-60	-5...	30	1.48			-60	-60	-60	-60	-40	-40	-60	-60
17	wall thickness	50	0...	0...	-0...	0	0	0	0				✓	✓	✓	✓	✓	✓	✓	✓
19.2	small pad thickness x2	50	0...	0...	-0...	23	2	10.8	21	4.31			4	6	7	22	3	7	23	19
21.2	Edge Margin, Ear-Bore to Finished ...	50	0...	0...	-0...	18	-30	3.65	48	3.4			-30	8	3	14	12	18	-2	8
21.4	Edge Margin, Ear-Bore to Finished ...	50	0...	0...	-0...	17	-15	3.4	32	4.27			-15	10	11	3	6	-2	17	4
22.1	large pad thickness x2	50	0.6	0...	-0...	21	1	9.55	20	5.3			1	6	2	20	8	7	21	15
22.2	large pad thickness	50	0.6	0...	-0...	31	-2	15.2	33	2.71			-1	3	3	31	19	23	22	19
24	wall thickness	50	0.1	0...	-0...	16	-48	-2...	64	1.59			5	-27	2	-37	16	-25	-40	-25
37.1	wall thickness of large pockets x4	50	0.2	0...	-0...	-4	-29	-1...	25	4.2			-10	-4	-5	-4	-13	-17	-23	-21
37.2	wall thickness	50	0.2	0...	-0...	6	-20	-6.8	26	3.61			-4	-7	5	4	-3	-18	-14	-20
38.1	wall thickness	50	0.2	0...	-0...	56	19	34...	37	2.28			48	37	19	20	32	39	56	36
38.2	wall thickness	50	0.2	0...	-0...	41	13	25.1	28	3.54			26	25	17	20	24	25	41	21
46	.342/.344 Hole dia.	50	0...	0...	-0...	55	-10	29	65	1.23			30	50	-10	30	50	30	30	0

Setup and Admin

Company Setup

Existing setup and company preference options have been consolidated into a single "Company Setup" section. This allows users to easily identify and modify preferences related to each module.

The screenshot displays the 'net-inspect' web application interface. The top navigation bar includes the logo and menu items for 'First Articles', 'Quality Management', and 'Calibration'. A user profile 'LANDYN' is visible in the top right. The main content area is titled 'Quality Management Setup' and is divided into several sections: 'Inspection Preferences', 'Inspection Settings', 'Sample Plan Basis', 'Sample Plan Selection', 'Key Features', and 'Non-Key Features'. A search bar for setup pages is located at the top left of the main content area. The 'Inspection Preferences' section includes a 'SAVE CHANGES' button. The 'Inspection Settings' section has a checkbox for 'Require sequential operation completion'. The 'Sample Plan Basis' section has radio buttons for 'Base Sampling On', with 'Real CPK' selected. The 'Sample Plan Selection' section has a dropdown menu for 'Key Features' set to 'SPC'. The 'Non-Key Features' section has a dropdown menu for 'Non-Key Features' set to 'SPC'. A footer note states: '*SPC Sampling is only available for features with variable results; If this is selected as the default. Then

Adding Suppliers

Users can now view and update their supplier list from a single location. This list will include suppliers that have specified the account as a customer and suppliers that the customer specified as suppliers.

The screenshot displays the net-inspect web application interface. The top navigation bar includes the net-inspect logo, a search icon, a settings icon, and the user name LANDYN. The main navigation tabs are First Articles, Quality Management, and Calibration. The Quality Management Setup section is active, showing a sidebar with various setup categories and a main content area for Suppliers.

Suppliers

Supplier Name	Supplier Group	Active	Products	FAIR Buyoff
CUSTOMER COMPANY		Yes	Net-Inspect	One-Step
CUSTOMER COMPANY ITAR		Yes	Net-Inspect	One-Step
NET-INSPECT DEMO		Yes	Net-Inspect	One-Step
NET-INSPECT DEMO ITAR		Yes	Net-Inspect	One-Step
NET-INSPECT DEMO ITAR 2		Yes	Net-Inspect	One-Step
XYZ CONSUMER PRODUCTS		No	Net-Inspect	One-Step

At the bottom of the table, there is a pagination control showing "1" of 6 items, a dropdown for "20" items per page, and a refresh icon. The text "1 - 6 of 6 items" is also present.

First Article Module

FAIR Creation

A more efficient, intuitive way to create a FAIR for a customer. By populating the required fields on this screen, the user can then immediately move to Form 1, Form 2 or Form 3 as needed.

The screenshot displays the 'net-inspect' web application interface. The top navigation bar includes 'net-inspect' logo, 'First Articles', 'Quality Management', and 'Calibration'. Below this, a secondary navigation bar contains 'Create FAIR', 'View Internal', 'View Supplier', 'FAIR Requirements', 'Supplier Tree', 'Supplier Map', and 'Reports'. The main content area features three tabs: 'Create New' (selected), 'Copy From Existing', and 'Import from External'. A prominent heading reads 'Start a New FAIR ?'. The form is organized into sections: 'Your Organization Info' with a text field for 'Organization Name' containing 'NET-INSPECT DEMO ITAR'; 'Customer Info' with a dropdown for 'Customer' set to 'CUSTOMER COMPANY'; 'Part Number' with a text field containing 'Form 1, Field 1'; 'Part Name' with a text field containing 'Form 1, Field 2'; 'FAIR Program' with a dropdown menu; and 'Manufacturing Process Reference' with a text field containing 'Form 1, Field 9'. A green 'START FAI REPORT' button is located at the bottom of the form.

FAIR Copy and Forward

Users can now specify what specific information on Forms 1, 2, and 3 they would like to have copied to a new FAIR. This can be done internally or from one account to another account.

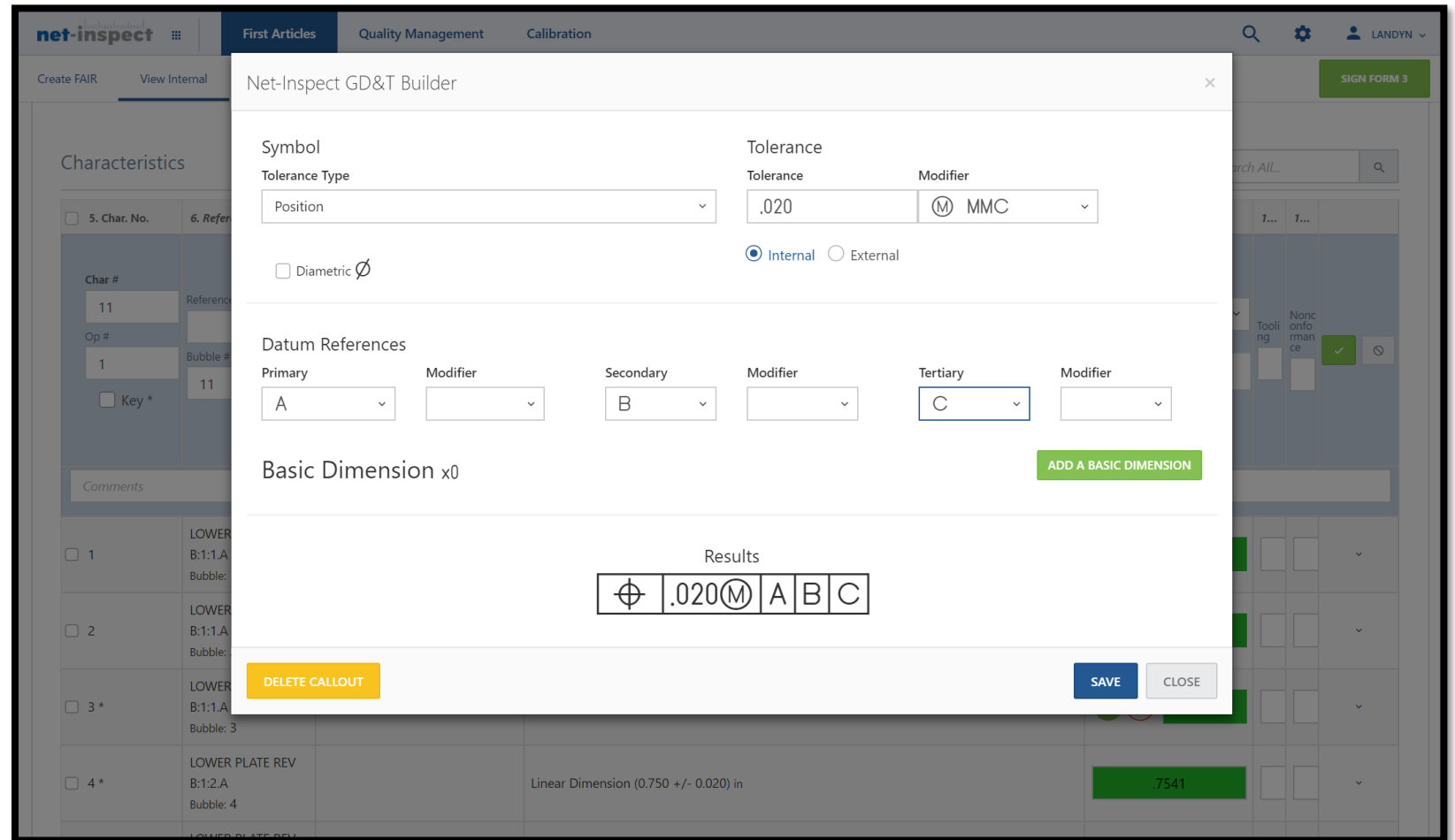
The screenshot displays the net-inspect web application interface for creating a new FAIR by copying an existing one. The top navigation bar includes 'net-inspect', 'First Articles', 'Quality Management', and 'Calibration'. Below this, a secondary navigation bar contains 'Create FAIR', 'View Internal', 'View Supplier', 'FAIR Requirements', 'Supplier Tree', 'Supplier Map', and 'Reports'. The main content area is divided into several sections:

- Source Company:** A text input field with a green checkmark and the text 'Validated source as NET-INSPECT DEMO ITAR'. A yellow 'CLEAR' button is to the right.
- Destination Company:** A text input field with a green checkmark and the text 'Validated destination as NET-INSPECT DEMO ITAR'. A yellow 'CLEAR' button is to the right.
- Select FAIR to Copy:** A search section with radio buttons for 'FAIR #' and 'Part #'. The 'Part #' option is selected. Below is a dropdown menu showing '1594'.
- Copy Options:** A section with three columns of checkboxes:
 - Form 1:** Copy Header Information, Copy Index of Part Numbers
 - Form 2:** Copy Materials, Copy Processes, Copy Inspections
 - Form 3:** Copy Characteristics, Copy Results
- Documents:** Copy Documents
- As Delta:** Copy this FAIR as a Delta

A large green button at the bottom right reads 'COPY FAIR #1594'.

FAIR GD&T Builder

Users have the option to use the native GD&T builder within Net-Inspect to populate GD&T callouts on Form 3 of the FAIR.



FAIR Document Upload

Users can now drag and drop or select multiple documents at a time for upload and attachment to the first article inspection report.

The screenshot shows the net-inspect web application interface for a First Article Inspection Report (FAIR #1695). The top navigation bar includes 'net-inspect', 'First Articles', 'Quality Management', and 'Calibration'. Below this, there are tabs for 'Create FAIR', 'View Internal', 'View Supplier', 'FAIR Requirements', 'Supplier Tree', 'Supplier Map', and 'Reports'. The main content area is titled 'FAIR #1695 AS9102 Rev. B' and includes buttons for 'PRINT', 'COPY FAIR', and 'VOID FAIR'. A 'RETURN TO LIST' button is in the top right. Below the title, there are tabs for 'Form 1', 'Form 2', 'Form 3', 'Documents 4', 'Workflows', and 'Checklist'. The 'Documents' tab is active, showing a summary table with columns for '1. Part Number', '4. FAIR Number', 'Customer', and 'Program'. Below this is a 'Documents ?' section with a 'Drag and drop files here or SELECT FILES' area. A table lists the uploaded documents with columns for 'Type', 'File Name', 'Description', 'Category', and 'Date'. A status bar at the bottom indicates 'FAIR last updated by Landyn Dunlap on 4/12/17 6:51 AM'.

1. Part Number	4. FAIR Number	Customer	Program
Demo Part 0412	1695	CUSTOMER COMPANY ITAR	777

Type	File Name	Description	Category	Date
.pdf	Post Submission LOWER PLATE REV B	LOWER PLATE REV B.pdf	InspectionXpert	4/11/17 5:33 PM
.pdf	Post Submission Additional Change Documents	Add'l Change docs	Approval Document	4/12/17 6:35 AM
.pdf	Post Submission Casting Forging Approvals	Casting Forging Approvals	Approval Document	4/12/17 6:35 AM
.pdf	Post Submission Material Certification	Material Cert	Certification	4/12/17 6:35 AM

Printing/PDF Enhancements

Users can now create a single PDF with Form 1, 2, 3, and all document attachments.

The screenshot displays the net-inspect web application interface. The top navigation bar includes the net-inspect logo, a menu icon, and tabs for 'First Articles', 'Quality Management', 'Calibration', and 'eSource'. A search icon, a settings gear, and a user profile 'LANDYN' are on the right. Below the navigation bar, there are links for 'Create FAIR', 'View Internal', 'View Supplier', 'FAIR Requirements', 'ITC Review', 'Supplier Tree', 'Supplier Map', and 'Reports'. The main content area is titled 'FAIR #1767 AS9102 Rev. B' with a 'RETURN TO LIST' button. A row of buttons includes 'PRINT', 'COPY/DELTA FAIR', and 'VOID FAIR'. Below this is a tabbed interface with 'Form 1', 'Form 2', 'Form 3', 'Documents 9', 'Workflows', and 'Checklist'. The 'Print FAIR' section contains the instruction 'Please select what you want to print or download' and a list of checkboxes: 'Print All', 'Form 1', 'Form 2', 'Form 3', 'Documents', and 'Supplier Checklist'. At the bottom, there are buttons for 'PRINT', 'DOWNLOAD PDF', and 'DOWNLOAD DOCUMENTS'. A status bar at the bottom right indicates 'FAIR last updated by Landyn Dunlap on 10/3/17 11:45 AM'.

FAIR Field-Level Rejection Comments

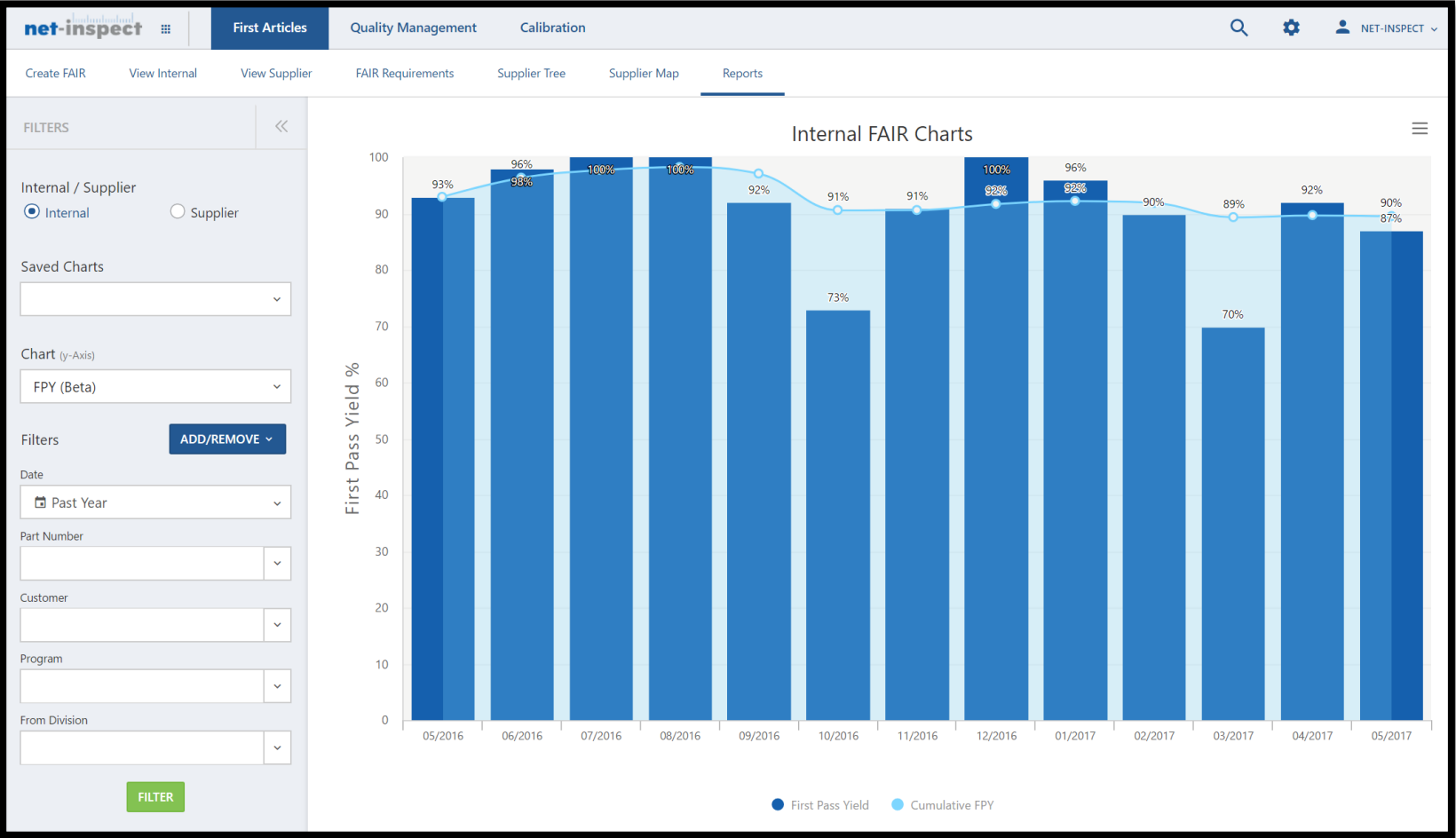
When reviewing a supplier FAIR, users have the option to add field-level rejection comments. The user can also see what changes the supplier made between the original submission and the resubmission. This will help accelerate the time to review and approve the FAIR.

The screenshot displays the net-inspect web application interface for reviewing a FAIR (FAIR #1477, AS9102 Rev. B). The page is in 'Buyoff Mode' and shows a rejection comment: "PO Number needs to be provided" -Landyn Dunlap, 6/6/16. The form is titled "Form 1: Part Number Accountability" and contains the following fields:

1. Part Number Assembly Part 1 Customer Part Number your part number	2. Part Name Assembly Part 1	3. Serial Number	4. FAIR Number 1477 Internal FAIR Number Customer FAIR Number
5. Part Revision Level A	6. Drawing Number Assembly Part 1	7. Drawing Revision Level AB	8. Additional Changes PO Number needs to be provided 12. P.O. Number
9. Manufacturing Process Reference 1	10. Organization Name NET-INSPECT DEMO ITAR	11. Supplier Code BE1234	<input type="checkbox"/> AOG
13. Detail/Assembly <input checked="" type="radio"/> Assembly FAI <input type="radio"/> Detail Part	14. Full / Partial <input type="radio"/> Partial FAI <input checked="" type="radio"/> Full FAI	Reason for Partial	

FAIR Charts

Users have access to new charts to display key FAIR metrics such as First Pass Yield (FPY), First Article Count by Approver, Cycle Time, and more.



Advanced FAIR analytics for licensed customer only



Quality Management Module

Part/Feature Setup

Users can now apply changes to all features or a select group of features within the inspection plan using the bulk update option.

The screenshot displays the 'net-inspect' web application interface. The main page is titled 'Part & Feature Setup' for 'Demo Part 1001' (LOWER PLATE). A 'Bulk Update Features' dialog box is open, allowing users to apply settings to all features. The dialog includes a notification: 'Settings will be applied to all features'. The settings are as follows:

- Is Key: Yes/No
- Inspection Plan: Yes/No
- Sample Plan: SPC (dropdown)
- Tool Types: (text input)
- Operation Number: (dropdown)
- Add Revisions: (text input)
- Remove Revisions: (text input)
- Receive % Tolerance Alerts: Yes/No
- % Tolerance Alert Limit: (text input)
- Receive out-of-control-limits alerts: Yes/No
- Hidden: Yes/No

The background page shows a table of 'Part Features' with columns for '#', 'Feature De...', 'Key', and 'IP'. The table contains 10 rows of features, all of which are checked. The 'net-inspect' logo is visible in the bottom right corner.

Part Documents & Photos

All part-related documents can be viewed in a single location. The document's source is specified, so users can see which documents were attached to specific FAIRs and which documents were uploaded manually to the part record.

net-inspect | First Articles | Quality Management | Calibration

Part & Feature Setup | Record Measurements | Rejection Tags (eTags) | Reports

Demo Part 1001
LOWER PLATE

RETURN TO LIST

Basic Info | Customers & Commodities | Access Control | Workflows | Documents & Photos | Features

Part Documents

Drag and drop files here or [SELECT FILES](#)

Type	File Name	Description	Category	File Source	Date	
.pdf	✓ LOWER PLATE REV B complete	Drawing	Drawing	FAIR #1502	01/10/2015 15:40	x
.pdf	✓ 97538LOWER PLATE REV B complete	Lower Plate Rev B Drawing	Drawing	Part Record	11/01/2016 14:48	x
.pptx	✓ 97552FAI Workflows	Drawing for Side A	Certification	Part Record	13/01/2016 16:20	x
.jpg	✓ 99396feature photo	example feature photo	Feature Photo	Part Record (Feature 4)	25/10/2016 18:28	x
.pdf	✓ Raw Materials Certs_Demo Part	Material Certs for Run 03212017	Certification	Part Record	21/03/2017 11:05	x
.pptx	✓ V5 Training Documentation_Abipa	PowerPoint	Other	Part Record	05/04/2017 08:24	x
.pdf	✓ Purchase Order	Purchase Order	Reference Document	Part Record	07/04/2017 11:39	x

Measurement Entry Interface

A completely redesigned measurement entry screen that provides the operator with all the information related to the feature currently being inspected.

The screenshot displays the net-inspect Measurement Entry Interface. The top navigation bar includes 'net-inspect', 'First Articles', 'Quality Management', and 'Calibration'. The main interface is divided into sections for 'Part & Feature Setup', 'Record Measurements', 'Rejection Tags (eTags)', and 'Reports'. The 'Record Measurements' section is active, showing a table of measurement data for 'Demo Part 1001' on a 'Mori Seiki MH633-4' machine. The table includes columns for Part, Machine, Run Number, Operation Number, Lot Size, Documents, Real CpK (0.64), Static CpK (0.31), and % Tolerance. The table also lists features being inspected, such as 'Verify surface finish, deburr, and...', 'Tab Thickness', 'Linear Dimension', and 'Radius'. The 'Linear Dimension' feature is highlighted, showing a value of 0.7453. An SPC chart is displayed for the 'Linear Dimension' feature, showing a centerline at 0.7453 and an upper control limit (UCL) at 0.7677. The chart includes a 'Toggle OOT' button and a 'Centerline' label.

#	Feature	Sampling Plan	Tool	Specification	1	2	3	4	5	6	7	8	9	10
1002	Verify surface finish, deburr, and...	100% Inspectio...	VISUAL		681234	681234	681234	681234	681234	681234	681234	681234	681234	681234
1003	Tab Thickness	SPC (2/10)	022293A	(0.1 + 0.003 / -0.003)	0.10032									
4	Linear Dimension	100% Inspectio...	63210125	(0.75 + 0.02 / -0.02) in	0.7453	0.7432	0.76543	0.7512						
10	Radius	SPC (2/10)	022293A	(0.125 + 0.01 / -0.01) in	0.1234									

Resume an Existing Run

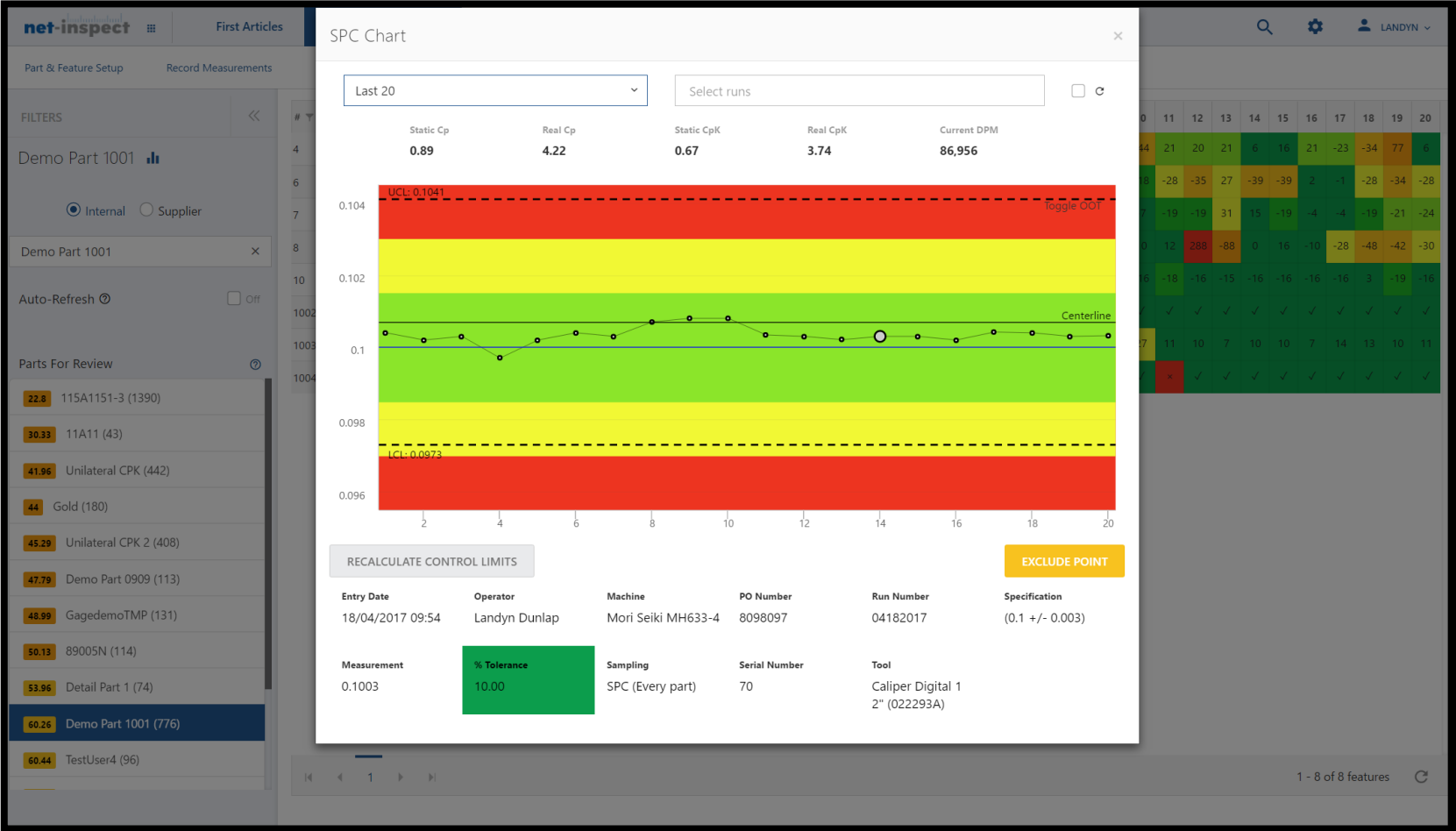
Users can now quickly identify recent runs and resume or reopen runs as needed.

The screenshot displays the net-inspect Quality Management interface. The top navigation bar includes 'net-inspect', 'First Articles', 'Quality Management', and 'Calibration'. Below this, there are tabs for 'Part & Feature Setup', 'Record Measurements', 'Rejection Tags (eTags)', and 'Reports'. The 'Record Measurements' tab is active, and the 'Resume an existing run' sub-tab is selected. The main content area is titled 'Resume a Recent Run' and features a search bar with 'Search By Run' and 'Search By Part' fields. Below the search bar is a table with the following columns: Part Number, Run Number, OP #, Lot Size, Machine, Updated, and Run Status. The table contains 13 rows of data, with the first row highlighted. At the bottom of the table, there is a pagination control showing '1 - 10 of 1631 items'.

Part Number	Run Number	OP #	Lot Size	Machine	Updated	Run Status
Demo Part 1001	0890989970	50	10	Mori Seiki MH633-4	02/05/2017 11:32	Open
Demo Part 1001	04272017	0	10	Bridgeport 1	27/04/2017 16:56	Open
Demo Part 1001	4242017 v4	50	10	Mori Seiki MH633-4	25/04/2017 05:18	Open
Demo Part 1001	04262017	50	10	Measurement Device	24/04/2017 11:28	Open
Demo Part 1001	04182017	50	10	Bridgeport 1		Open
Demo Part 1001	04172017	50	5	Bridgeport 1	18/04/2017 04:27	Closed
01312012-11	04072017	0	5	Bridgeport 1	08/04/2017 07:22	Closed
01092012	5	1	1	Mori Seiki MH633-4	08/04/2017 07:18	Closed
Demo Part 1001	04072017	50	5	Bridgeport 1	08/04/2017 07:21	Closed
SamplingPlans	5	1	4	Bridgeport 1	06/04/2017 15:57	Open

Part Quality Zones

View all results for a single part with the option to view each feature's SPC run chart and the specific measurement's details.



Advanced analytics for licensed customer only



Capability Charts

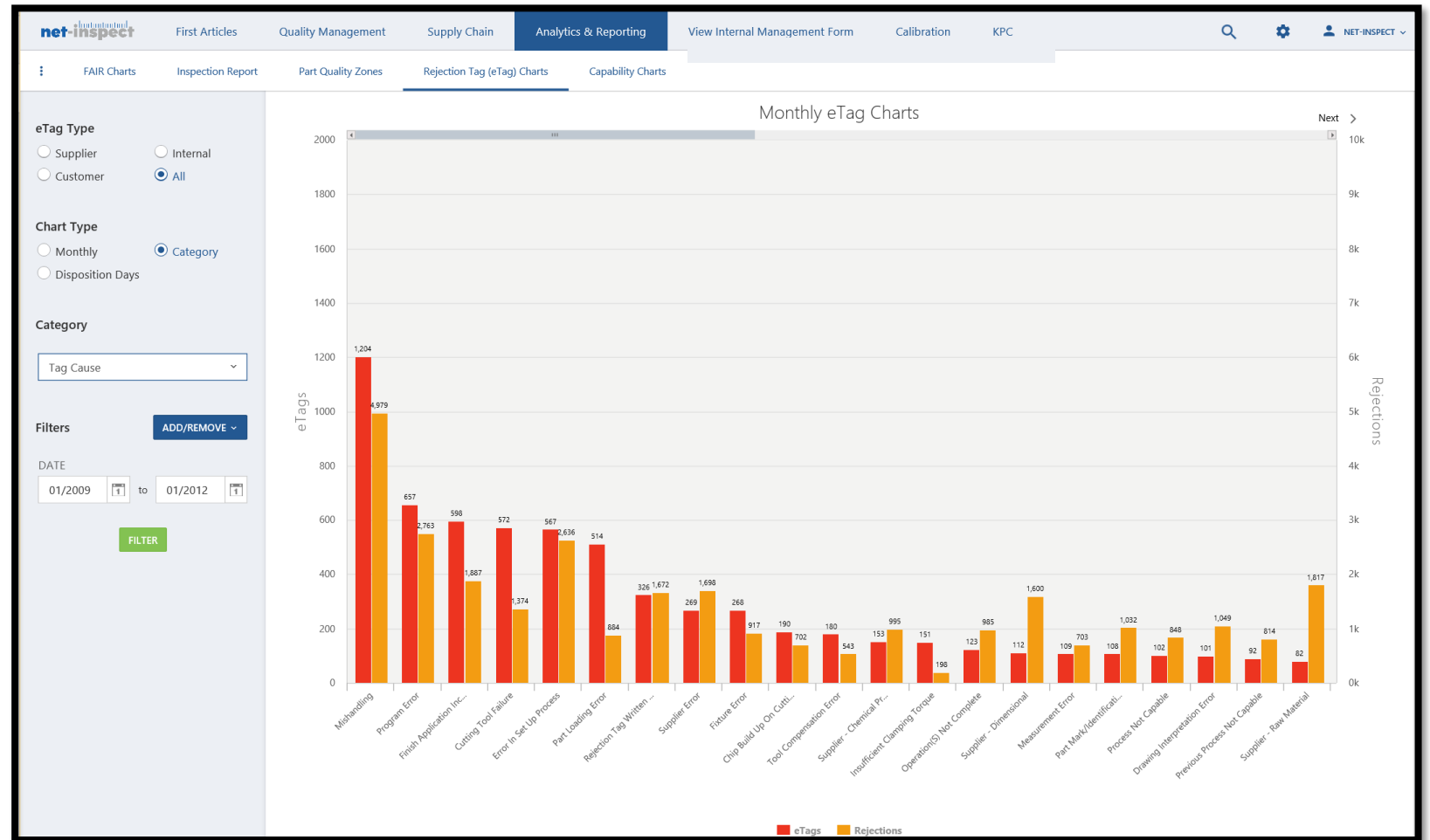
View all dimensional results in a single place. Rank parts, features, operators, machines, processes, and more using a single easy-to-use interface, and identify results of process changes with the capability score.



Advanced analytics for licensed customer only

eTag Charts

View all internal, supplier and customer non-conformance eTag metrics with Pareto charts for tag cause, defect type, disposition, machine, operator, and more.



Tool Calibration Module

View and Add Tools

Users can calibrate, checkout, and modify tool details and documents in a single location. This data integrates directly with measurement entry to ensure only approved, calibrated tools are used for inspection.

Tool Type	Tool ID	Descripti...	Output	Freq. Type	Freq. Value	Calibratio...	Custodian	Work Cen...	Employee...	Custome...	Status	Checked Out	Last Calib...	Next Cali...
Caliper Digita..	011193A		Digital	Months	2	Internal					In Service	Yes	11/04/2017	03/07/2017
Digital Calipe...	0123456	Mahr Digital ...	Digital	Months	12	Internal					In Service	No		25/07/2016
Caliper Digita..	022293A	Mahr 12" digi...	Digital	Days	30	Internal					In Service	No	04/04/2017	04/05/2017
Pins	02A		Digital	Months	6	Internal					In Service	No		07/04/2017
Depth Micro...	03A		Digital	Months	6	Internal					In Service	No		
Caliper Digita..	088		Digital	Months	12	External			Paul P. Period		In Service	No		18/04/2017
Caliper Digita..	10232012	12 inch digita...	Digital	Measurements	50	Internal	R. Trout	Center A			In Service	No	01/01/2012	20/02/2012
Caliper Digita..	123A	Mahr Digital ...	Digital	Months	1	Internal	Landyn Dunlap				In Service	No	05/04/2017	05/05/2017
Caliper Digita..	133393A	Mitutoyo 12" ...	Digital	Measurements	20	Internal					Calibration	No		
Caliper Digita..	244493A	Titan Electron...	Digital	Measurements	2	Internal					Calibration	Yes	25/10/2016	27/10/2016
Protractor	2536	Protractor	Digital	Months	12	Internal					In Service	Yes	25/02/2016	30/06/2017
Dial Indicator	43	Mahr Digital I...	Digital	Months	1	Internal		Center A			In Service	No	09/12/2016	15/01/2017
Caliper Digita..	456A		Digital	Months	6	External					In Service	No	05/04/2017	05/10/2017
1-2" Microme..	59142559		Digital	Months	6	Internal					In Service	No		
0-1" Microme..	63210125		Digital	Months	6	Internal					In Service	No		26/10/2016
Portable CM...	NA	CMM									In Service	No		
Groove Micro..	TEST		Digital	Months	6	Internal					In Service	No		

Supply Chain Visibility

Supply Chain Mapping

View a global map of all suppliers, including sub-tiers. Search for a specific part number to identify the supplier that manufactures it and the assemblies it is included in.

Tiers	Supplier	Parts
1 2 3	T.S. SCHWARTZ	318
1 2	TRITON MACHINE SHOP	303
1 4	B.F. FOSTER MANUFACTURING	165
1	GSK AEROSPACE INC.	108
1	VERMES MFG INC	91

If you have any questions about Net-Inspect V5 or need any additional information, please contact sales@net-inspect.com.

net-inspect