



e-ISuite Custom Report Tips

The Custom Report Generator in e-ISuite consists of five building blocks that are used to define a custom report.

- A. The Report Information Block is where the data view is selected for the report; give it a title; specify Portrait or Landscape Mode; select Line Spacing; and decide if the report is to be Public or Private.
- B. The Column Builder Block is where the columns are selected that will be included in the report. The Column Header, Column Width, and Format (for certain fields) can all be changed. The decision is made here on whether or not to apply an Aggregate Function such as COUNT or SUM. (The field RESOURCEID is a good field to use when counting resources since it is a unique number assigned to each resource in e-ISuite.)
 1. In the Column Builder, Column Widths are specified in Pixels. The Custom Report Writer provides output in Landscape Mode (Default) or Portrait Mode. Each line on a Landscape report is limited to a total of approximately 770 pixels for all the fields on the report, including spaces between the columns, and each line on a Portrait Report is limited to approximately 535 pixels. If the limits are exceeded, the system will display a dialog box advising: (1) Export the Report to Excel (no column width limits); (2) Reduce the total number of columns on the report; or (3) Reduce the width of the columns on the report.
 2. The fonts used by Custom Reports use approximately 7 pixels per character, on average. For example, to include "STATUS" as a column, 6 char x 7 pixels per char, would give you around 42 pixels minimum field width to avoid wrapping.
- C. The Criteria Builder Block is where the criteria is defined to select (or filter) the data to include in the report. Criteria are specified in Blocks, where a Block is a group of statements that should logically go together. For example, a Block might contain two statements: STATUS IN (C,P) and DEMOBILIZATION DATE > 10/21/2014. Complex criteria can be built using multiple criteria Blocks.
- D. The Sort Builder is used to specify how the report is sorted. Specify multiple sort fields and the report will be sorted in the order specified (either Ascending or Descending for each field).
- E. The SQL Viewer is for advanced users and shows the user the SQL Commands that result from their Report Definition. This field is for information and troubleshooting purposes only and is not editable.

Fields of Special Interest:

- a. STATUS: Can only be C for Checked In; D for Demobed; F for Filled; R for Reassigned; or P for Pending Demob
 - i. Example: A Criteria of STATUS IN (C,P) would return all resources checked in or pending demob on the incident
- b. RESOURCE LEVEL: This indicates whether a resource is a primary; a subordinate; or a subordinate of a subordinate, such as a crew member on an Engine in an Engine Strike Team. The values are 1, 2, or 3.



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Examples: An Engine3 Strike Team, E-100, Item Code = ES3
E-100 Engine 3 Strike Team, ES3, RESOURCE LEVEL = 1
E-100.1 Engine Strike Team Leader, STEN, RESOURCE LEVEL = 2
E-100.2 Engine 3, ENG3, RESOURCE LEVEL = 2
E-100.2.1 Engine Boss John Doe, ENGB, RESOURCE LEVEL = 3
E-100.2.1 Fire Fighter Jane Doe, FFT1, RESOURCE LEVEL = 3

A Hand Crew, C-1, Item Code = HC1
C-1 Augusta Hot Shots, HC1, RESOURCE LEVEL = 1
C-1.1 Crew Boss John Doe, CRWB, RESOURCE LEVEL = 2
C-1.2 Fire Fighter Jane Doe, FFT1, RESOURCE LEVEL = 2
etc.

- c. REQUEST CATEGORY:
 - i. A for Aircraft
 - ii. C for Crews
 - iii. E for Equipment
 - iv. O for Overhead (includes all resources that are normally filled with a person, such as crew members for crewed resources such as crews, engines, etc.)
 - v. S for Supplies
 - vi. Z for Support Items (or Unknown Item Codes?)
 - 1. Example: A Criteria of REQUEST CATEGORY = C will return parent records only for Crews and Crew Strike Teams
- d. EMPLOYMENT TYPE: Three Codes for Type of Employment for Person Resources
 - i. AD = Casual Hires
 - ii. FED = Employees of Federal Agencies
 - iii. OTHER = Anyone else (Employees of State, County, City, Fire Depts, etc.)
 - 1. Example, to get a list of all AD's currently on the incident, use a criteria of STATUS IN (C,P) AND EMPLOYMENT TYPE = AD
- e. ITEM CODE: The Item Code for each resource. All standard Item Codes are included with e-ISuite, plus users can add Local Item Codes to the system if needed for special purposes.
 - i. Example: To get a listing of all Task Force Leaders use a criteria of ITEM CODE = TFLD
- f. SECTION CODE: Incident Command Section Codes
 - i. C = COMMAND
 - ii. E = EXTERNAL
 - iii. F = FINANCE
 - iv. L = LOGISTICS
 - v. O = OPERATIONS
 - vi. P = PLANS
 - 1. Example: To get a listing of all PLANS people currently on the incident, select the Person-PLANS view and use a criteria of SECTION CODE = P
- g. TRAINEE: Trainee: True or False
 - i. Example: To get a list of all Trainees, use a criteria of TRAINEE IS TRUE