

# CAPS™ Connect

CAPS™ Connect is a unique application targeted at the electronics industry for optimizing internal corporate data on electronic components. CAPS™ Connect allows users to update and cleanse part data that is typically incorporated into enterprise data management systems for reporting, analysis, and decision support functions. The usefulness of such systems is dependent upon the quality of the data contained within them, and often there are issues such as inaccurate or incomplete information that result in costly inefficiencies. CAPS™ Connect addresses these issues with its ability to aggregate information from a variety of internal and external data sources, including the CAPS™ Database and real-time searches of component manufacturer websites, either directly or via Google™.

## Multiple Data Source Aggregation

The ability to add multiple data files allows CAPS™ Connect to combine columns of data from disparate databases to a single view. With access to any database within the company, any user can now see their most relevant data at their fingertips. With the ability to view columns from multiple data sources, engineering and procurement professionals can make informed decisions as to the risk of using a part within a product. Typically, no one data source has all the part numbers found in a bill of material (BOM). CAPS™ Connect's unique approach functionally supports matching of multiple database sources delivering a comprehensive part number cleansing and matching solution.

The CAPS™ Connect solution does not require heavy IT infrastructure or corporate support to implement and realize immediate performance. CAPS™ Connect can be installed for one seat or as many seats required within the corporation. No servers, no special hardware, no headaches. CAPS™ Connect is an “out of the box” solution.

## Rich Environment

The CAPS™ Connect environment is rich with features that allow the process for determining correct part numbers, and getting important information about them such as lifecycle status and alternates. A systematic approach can be taken to cleanse, replace and view information about a part.

CAPS™ Connect includes a wide range of user tools for reviewing, analyzing and managing data, including:

- Custom Query Views
- Column color and positioning
- Card View (Y column rotation)
- Sorting
- Powerful Custom Row Filtering
- Hierarchical Grid that allows parent child relationships

- Custom Status definitions
- Web and Specification views
- Column Header groupings
- Data Source definitions
- Custom MPN trimming
- Multiple File Format support
- Save and load from previously cleansing sessions
- Total Life Cycle analysis
- Total Square Area
- PDF and URL Viewing
- Powerful BOM output and parsing

### **Choice Of Environments**

For users who are familiar with Microsoft Excel™, CAPS™ Connect supports the same GUI within Excel. CAPS™ Connect offers the user the ability to use the richness of both environments.

### **Data Source Selection**

CAPS™ Connect has made the process of selecting desired data simple and straightforward. No custom scripts or database administrators are necessary to pull columns from data sources. Simply point and click and information is selected and merged into the results. Query “views” can be created to automate the process of redundant data search and retrieval simplifying the utilization of CAPS™ Connect within the user’s process.

### **Lifecycle information**

With multiple data sources to choose from CAPS™ Connect offers more than any other solution. Component lifecycle data can be pulled from both the Manufacturer’s web site and the CAPS™ Database of over 32 million parts. CAPS™ Connect retrieves available lifecycle data on each part on a BOM or related parts lists.

### **Data, Data, Data**

CAPS™ Connect allows you to pick the data that you want. Web Applications are nice for deployment but they lack the ability to look at desktop and other data sources dynamically. CAPS™ Connect solves this. CAPS™ Connect is the only product optimization application in the industry that allows the user to customize the data available to every organization without the need to use Java or Database interface applications. Point and click and the data is ready to use.

## **Part Replacement**

CAPS™ Connect integrates to the CAPS™ Database, giving it the ability to pull in the cross-reference information from CAPS™ directly into the spreadsheet containing original part numbers. These alternate parts can be evaluated against an internal data source in order to identify which potential replacements may already be approved or strategic within the company.

## **Obsolescence information**

CAPS™ Connect can also tap into the obsolescence information contained within the CAPS™ Database, including last time buy and ship dates.

## **Custom Search**

CAPS™ Connect's custom search capability will automate the tedious task of searching for parts via the web. CAPS™ Connect can be "trained" to find information via the Internet search engine Google™.

## **Customized Trim**

Legacy systems have had limitations as to characters that are allowed. Many part numbers have characters appended that are not correct or notes that have been appended to the part number. CAPS™ Connect contains a very powerful feature to allow custom trim modules that automatically try different variations of the part number as it feeds to the different search engines specified by the user in order to find closest matches on parts that may have incomplete or incorrect characters or suffixes on them.

## **Technology**

The CAPS™ Connect technology solution is a PC-based, robust and comprehensive implementation of Open Database Connectivity (ODBC). ODBC is the standard application-programming interface for accessing any commercially available database.

**Please contact Infodoc S.r.l. at  
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