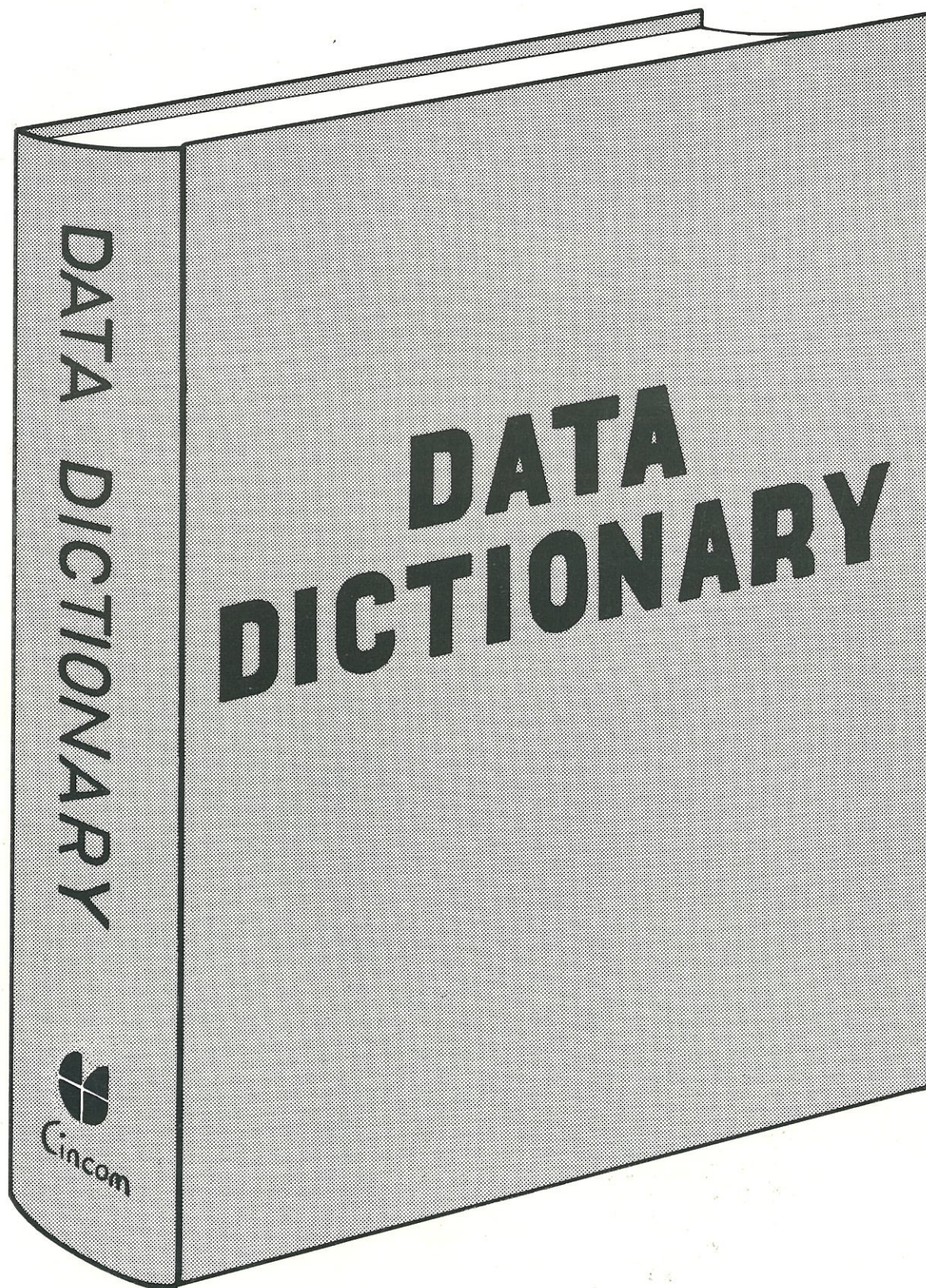


Cincom's





What's "EMPLDIST" ?

What programs use "EMPLDIST" ?

....and who's going to care if I delete it?

It shouldn't be long ...he's only got a few questions.

right...

It's the same data we're just using different names.

...but how many programs will we have to change?

I wonder what his real job is.....

I'm glad they took his phone out or we'd be here forever.

Why do you think I'm standing here?

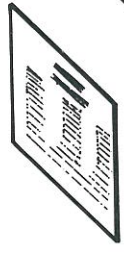
Hey Joe where you going?


and I thought I was being paid to write programs.

I'll come back after 5:00.... maybe the line will shorten.

Z-Z-Z-Z-Z-Z
I'm bored

Me too.





There has got
to be a better
way.....

not
again?!

GIN!

Cincom's DATA DICTIONARYthe better way!

One reason behind the phenomenal growth of Data Processing departments is their success in meeting the seemingly insatiable corporate demand for information. With the advent of data base management systems like TOTAL, DP departments found a viable means to organize and access this information. In fact, had it not been for data base, many DP departments would have found it impossible to handle the volume of requests for information thrust upon them. Data base has enabled many DP departments to grow to the point where they manage nearly all the data in their organization.

With this increasing responsibility, it becomes exceedingly difficult to keep track of what data is available, who is responsible for maintaining it, who uses it, etc. The inability to quickly answer questions of this type adversely affects personnel performance and productivity.

DP departments have become like the proverbial doctor who concentrates so heavily on the needs of others that his own health is endangered.

The solution is obvious. The DP manager must now pay as much attention to his own information requirements as he does to those of other departments.

Cincom's DATA DICTIONARY provides this ability and more.

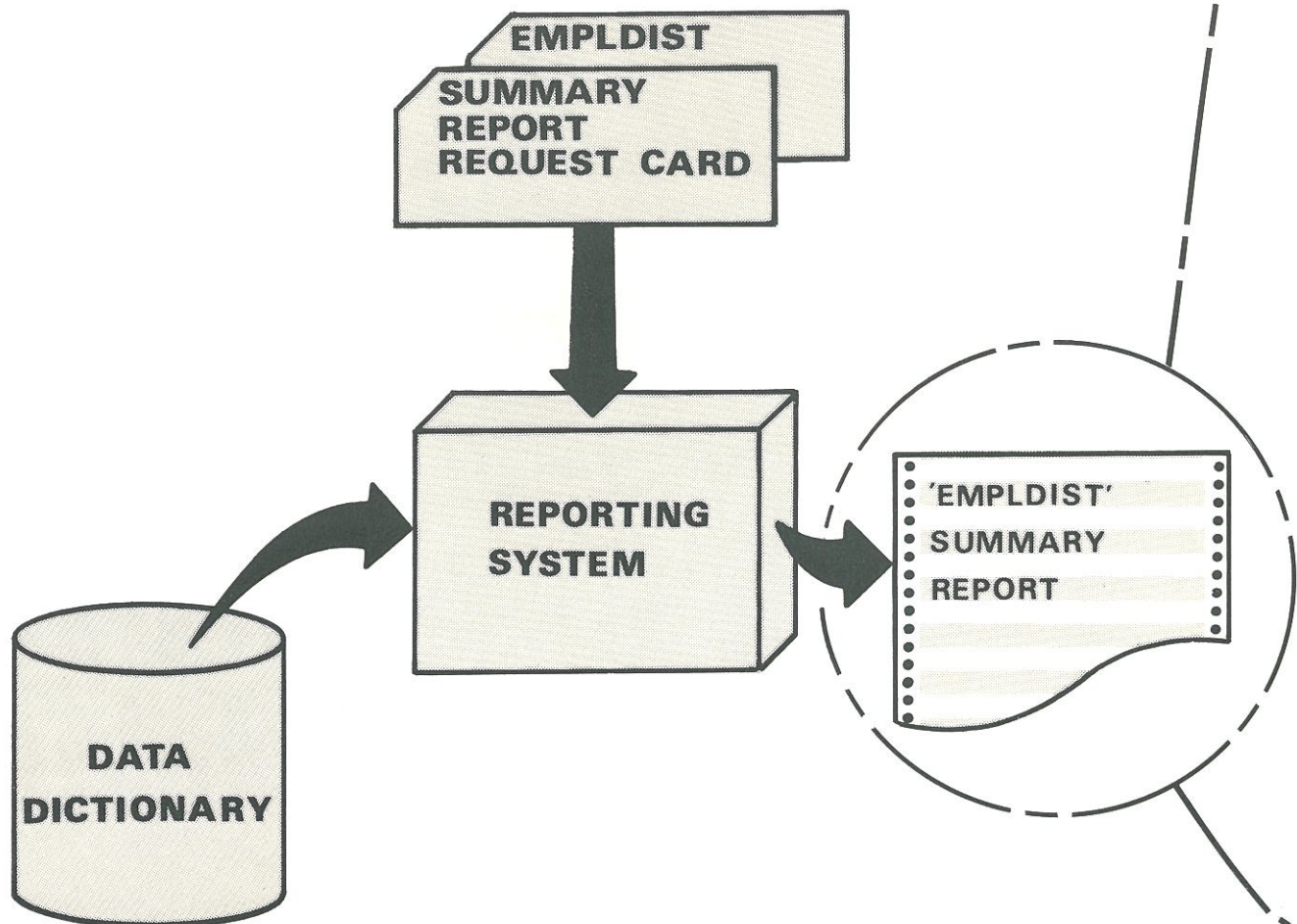
The DATA DICTIONARY is a descriptive tool. You can determine the composition of data elements, the programs that use specific data elements, the programs in a particular system, etc. With this type of information you can easily answer the day-to-day questions of your DP department.

The DATA DICTIONARY is a logistical tool. You can find the users of reports, the data elements used to produce these reports, the people responsible for entries to specific source documents, and other interdepartmental relationships. With this type of information you can determine the flow of information within your organization and gain valuable insight for long-range system design.

The DATA DICTIONARY is a predictive tool. You can anticipate the impact that changes, like revised user requirements or new government regulations, will have on your system. With this type of information, you can determine the scope of the change and accurately schedule personnel for its implementation.

The DATA DICTIONARY is also an operational tool. You can automatically produce TOTAL DDL (Data Definition Language) statements for any DBMOD described to the DATA DICTIONARY system. This type of information can be used for direct input to the DBGEN program and can eliminate the need for cataloguing DBMODs.

... and it's easy to use! As an example, assume you are the person behind the desk in the previous illustration and want to answer the programmer's questions concerning the data element, 'EMPLDIST.' All that is necessary to obtain the information to answer the questions is an Element Summary Report request card and a card specifying 'EMPLDIST'...



..THIS IS WHAT 'EMPLDIST' IS!

ELEMENT NAME EMPLDIST DESCRIPTION: CURREN... OYEE DISTRICT
ALIAS NAME: PEOP-DISTRICT
 DISTRICT-NUMBER
 DISTRICT-CODE

TITLE:
THIS FIELD CONTAINS THE FIVE BYTE DISTRICT CODE ASSIGNED TO EACH EMPLOYEE. THE FIRST TWO REPRESENT THE REGION - THE LAST THREE REPRESENT THE TERRITORY.

*****EDITING CRITERIA*****

UNITS EDIT MASK TYPE HEIGHT WIDTH
 99-999 6 42

CODE	CATEGORY	NAME	DESCRIPTION
------	----------	------	-------------

DB	DATA BASE	PERSON PAYROLL EMPLSKIL	PERSONNEL SYSTEM DB CORPORATE PAYROLL DB EMPLOYEE SKILLS DB
----	-----------	-------------------------------	---

FI	FILE	PEOP	
----	------	------	--

..THESE ARE THE PROGRAMS THAT USE 'EMPLDIST'!

EL	ELEMENT	EMPL-TERRIT EMPL-RE...	Empl...
PR	PROGRAM	PAYCALC DEDREPT CHKPRNT SKILMANT SKILPRNT HISTMANT HISTPRNT	PAYROLL CALCULATION PAYROLL DEDUCTIONS SYS PAYROLL CHECK SYS SKILLS INVENTORY MAINT SKILLS INVENTORY REPORT WORK HISTORY MAINTENANCE WORK HISTORY REPORT

SY	SYSTEM	PAYROLL WORKHIST SKILINVT	CORPORATE PAYROLL SYSTEM EMPLOYEE WORK HISTORY SYS EMPLOYEE SKILLS SYSTEM
----	--------	---------------------------------	---

RP	REPORT	PAYTAX PAYDED PAYCHEK EMPLSKIL EMPLHIST	PAYROLL TAX REPORT PAYROLL DEDUCTION REPORT PRINT PAYROLL CHECKS SKILLS BY EMPLOYEE WORK HISTORY BY EMPLOYEE
----	--------	---	--

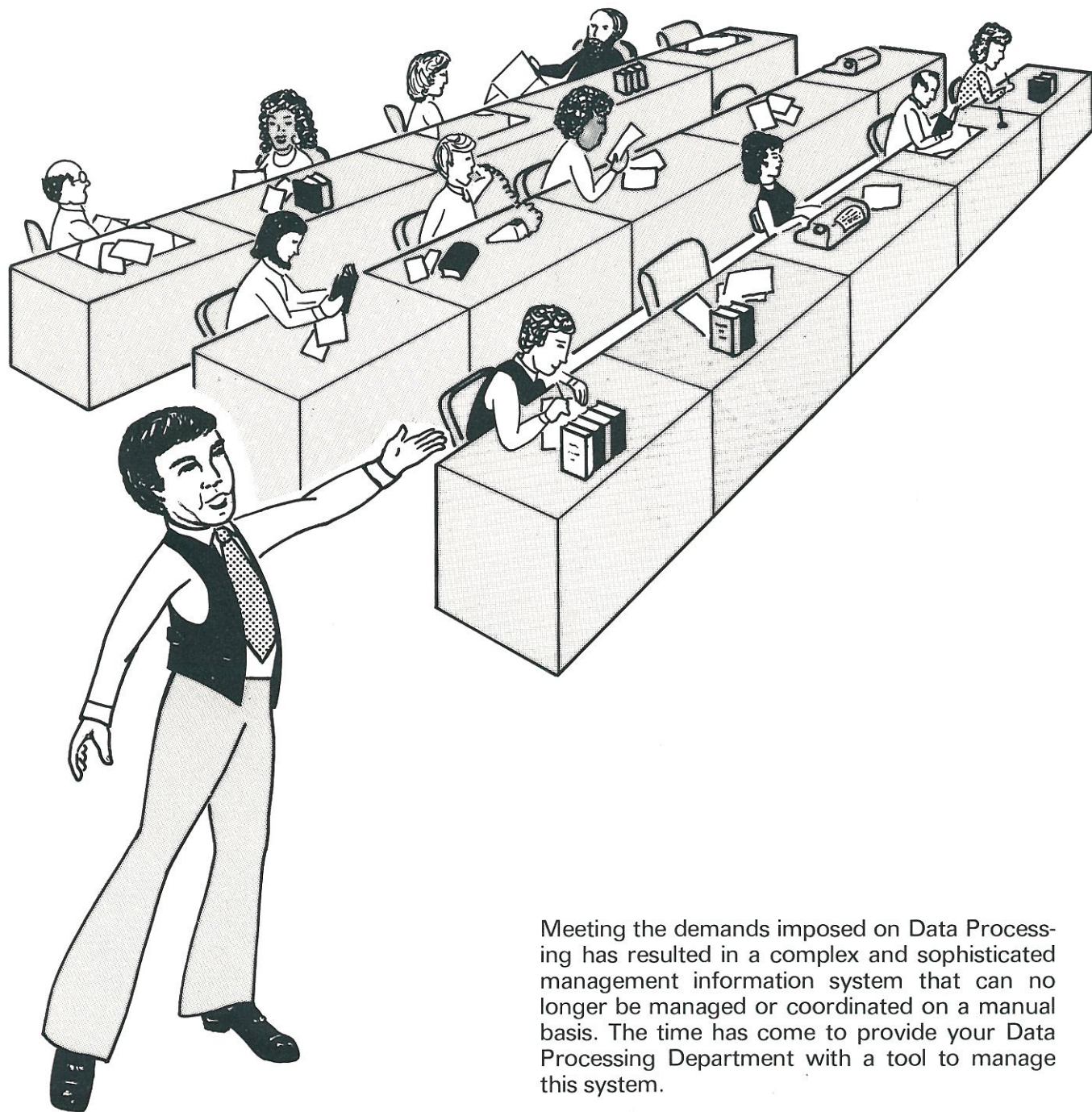
UR	USER	ADAMS DAVIS WILLIAMS	PERSONNEL DEPT MGR PAYMASTER PAYROLL CLERK
----	------	----------------------------	--

...AND THESE ARE THE PEOPLE WHO WILL CARE IF YOU DELETE IT!

The DATA DICTIONARY contains information about and maintains relationships between entries in the following categories: ELEMENT, FILE, DATA BASE, TRANSACTION, SOURCE DOCUMENT, PROGRAM, REPORT, SYSTEM, or USER. In our example, 'EMPLDIST' is an entry in the ELEMENT category. The DATA DICTIONARY can produce reports on any or all of the entries in a category. The reports can show not only an entry's relationship within its own category, but also its relationship with the other categories. The following are descriptions of some of the reports produced by the DATA DICTIONARY.

- Listing of user names and all report names controlled and/or received by each user.
- Listing of user names and all source document names controlled and/or received by each user.
- Listing of data base names and all file names which comprise each data base.
- Listing of system names and all program names which comprise each system.
- Listing of data element names and all program names which use each data element.
- Listing of data element names and all alias names of each data element.
- Listing of data element names and all attributes of each data element.
- Listing of the subdefinitions of entries in the ELEMENT, SOURCE DOCUMENT, and/or TRANSACTION categories.
- Listing of all logical assemblies (i.e. where used) for entries in the ELEMENT, SOURCE DOCUMENT, and/or TRANSACTION categories.
- Listing of the entries in the ELEMENT, SOURCE DOCUMENT, and/or TRANSACTION categories and their related entries in all other categories.
- Listing of file names and all data element names contained in each file.
- Listing of report names and all data element names contained in each report.
- Listing of program names and all data element names contained in each program.
- Listing of file names and the password assigned to each file.
- Listing of data element names and the password assigned to each data element.

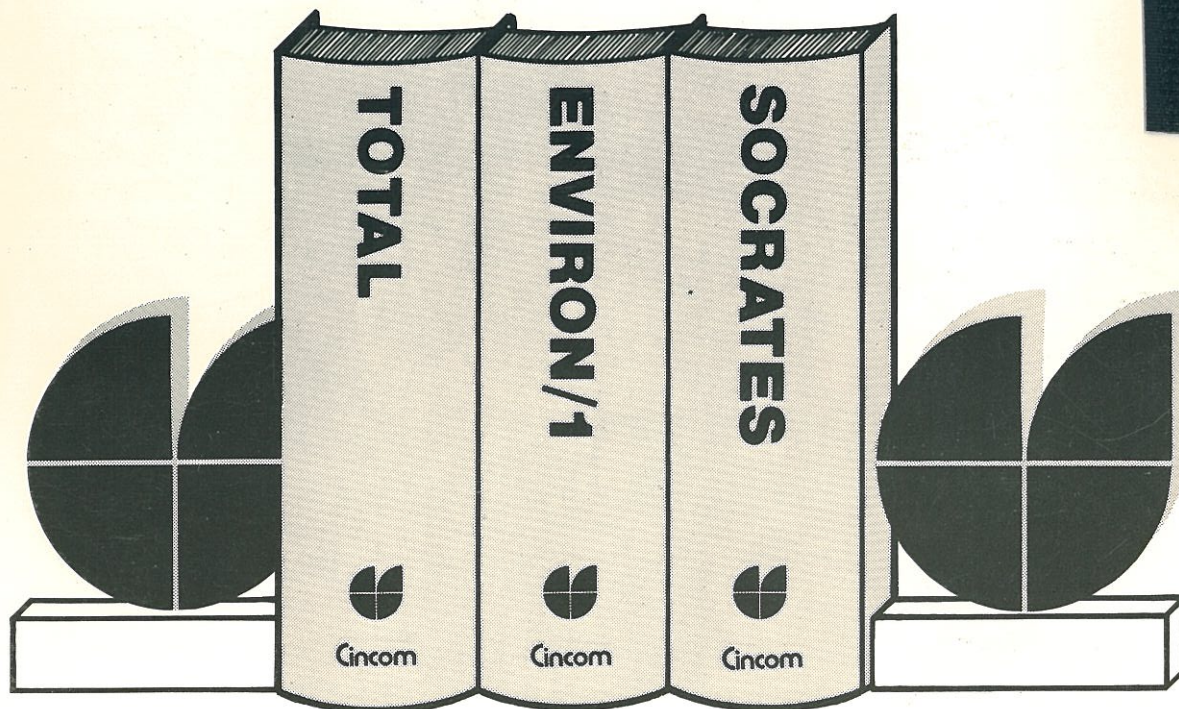
There are nine other reports, one for each category, that list the entries in each category. Furthermore, the flexible design of the DATA DICTIONARY gives you the ability to generate reports to meet your unique information needs.



Meeting the demands imposed on Data Processing has resulted in a complex and sophisticated management information system that can no longer be managed or coordinated on a manual basis. The time has come to provide your Data Processing Department with a tool to manage this system.

Cincom's DATA DICTIONARY is the tool to meet the task. The DATA DICTIONARY allows you to quickly determine the information available in your system, what it consists of, how it relates, where it appears, how change will impact the system, the flow of information throughout the organization, and much more. These information needs are growing in importance daily. Cincom's DATA DICTIONARY is available to meet them today.

er Cincom success stories



Cincom Systems Incorporated
2300 Montana Avenue
Cincinnati, Ohio 45211
513/662-2300
TLX 810-461-2732

Cincom Systems of Canada Ltd
55 City Centre Drive
Mississauga, Ontario L5B 1M3
Canada
416/279-4220
TLX 610-492-7114

Cincom Systems (Australia) Ltd
37 Alexander Street
Crows Nest
New South Wales
Australia 2065
439 3144
TLX Hrents AA 214700

Cincom Systems International S.A.
17-19 Rue Montoyer
1040 Brussels, Belgium
511-6548
TLX 61930

Cincom Systems International S.A.
St. Ives House, St. Ives Road
Maidenhead
Berkshire SL6 1QS, England
Maidenhead (0628) 29456
TLX 851-847198

Cincom Systems France S.A.R.L.
Tour Montparnasse
33 Avenue du Maine
Paris 75755, France
538-1407



Cincom Systems, Inc: We create efficiency

2300 Montana Avenue, Cincinnati, Ohio 45211 (513) 662-2300 TLX 810-461-2732