

# PolyOrganize



**Workflow Driven  
Product Information Management**

# PolyOrganize

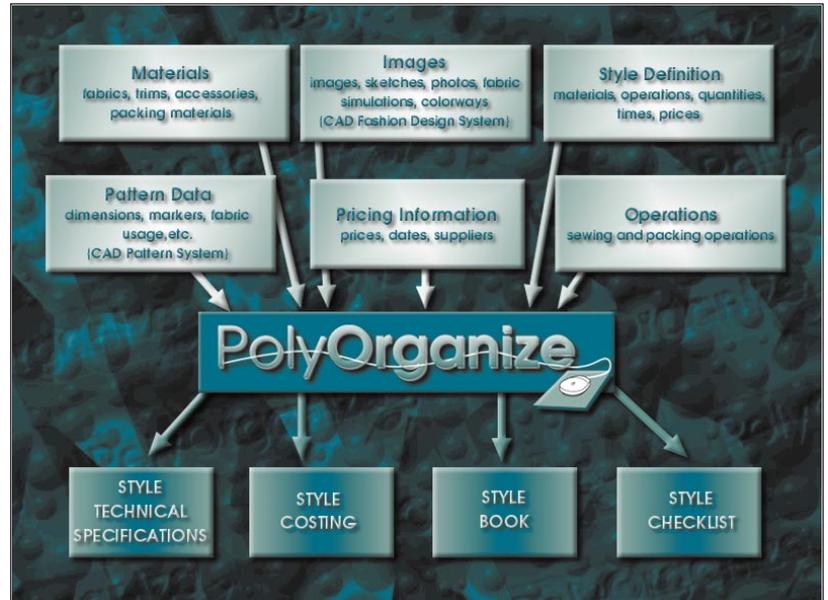


## Workflow Driven Product Information Management

Product development is central to the success of your company. The need to supply an increasing number and variety of profitable products throughout the year has increased pressure on the product development team and at the same time made critical the open flow of information among the design, merchandising, engineering, costing, and manufacturing departments.

### Streamline Your Product Development Process

PolyOrganize is a workflow driven Product Information Management (PIM) system for the sewn goods industry. It provides a tight but flexible organization of product specifications modelled after the actual workflow. It uses a common database to relate every aspect of style specification including graphics and textual information and makes it available across department boundaries and globally through the World Wide Web.



### More Than Computerized Forms

PolyOrganize is more than computerized forms. It is a true PIM system, which can manage the partially-specified information and continuous refinement of specifications which take place throughout product development. Early Product Data Management systems were form-oriented and suitable for preparing a style package to communicate style specifications. PolyOrganize is not simply an after-the-fact receptacle for your product data. It is a product development tool which allows you to:

- quickly evaluate alternatives in terms of style and cost
- track modifications and status of specifications
- keep track of deadlines and generate action plans
- locate critical information by searching across styles using any criteria
- seamlessly integrate with your CAD, MRP, and ERP systems
- effortlessly communicate up-to-the-minute style specifications to trading partners anywhere in the world

### Ready-to-Use

PolyOrganize is a ready-to-use information system, requiring minimal installation and setup times. It is customizable by the non-specialist and there are no extra costs in database administration. Its easy, consistent, and comfortable interface reduces learning time. So within a short time of installing PolyOrganize you will achieve:

- reduced product development cycle time
- reduced costs in sample production due to errors and rework
- reduced task redundancies
- reduced product revisions
- improved communications
- improved efficiency and consistency of product specifications
- improved information flow throughout the enterprise
- improved supply chain management

# Key Features PolyOrganize

## Cross Platform

PolyOrganize runs under Windows® or MacOS®. This is an important issue for apparel manufacturers, where it is common to see MacOS-based computers in the style department and Windows-based computers in costing, administration, and management.

## Workflow Driven

PolyOrganize is work-flow driven, not data-driven. This means that important information can be treated differently from unimportant information. Important information can be codified and stored in libraries for re-use on other styles. Non-important or uncertain information can be entered directly on a style, and changed or added to the libraries directly at any time.

## Ready-to-Use

PolyOrganize is a ready-to-use information system, requiring minimal installation and setup times. It is customizable by the non-specialist and there are no extra costs in database administration.

## Drag & Drop Simplicity

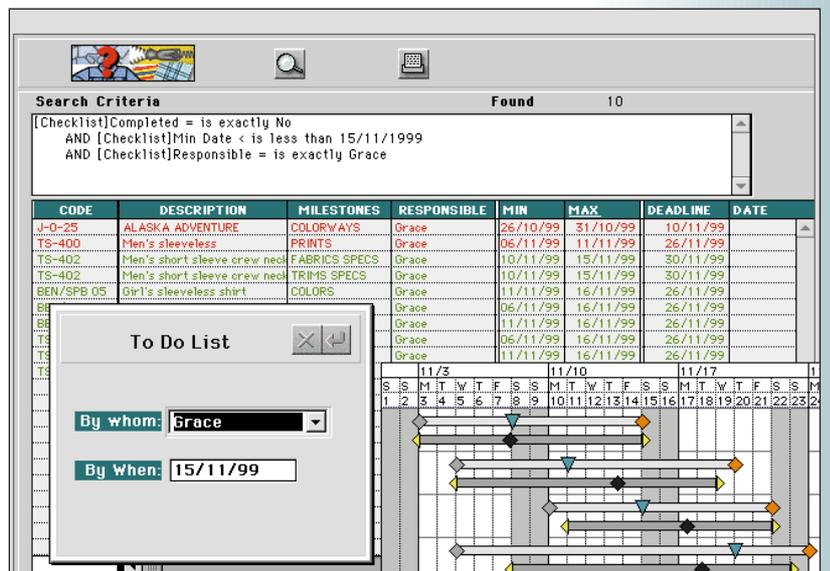
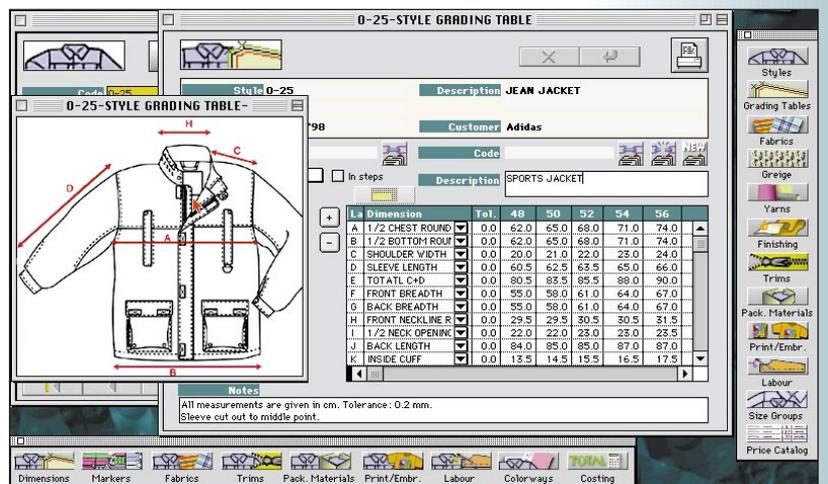
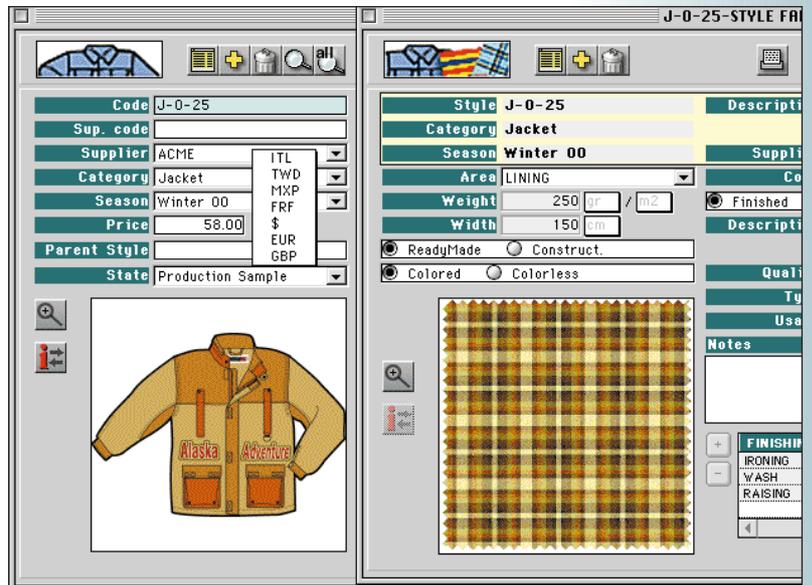
Materials and operations can be dragged from re-usable libraries onto styles for the quickest possible style definition.

## Power Search

PolyOrganize gives you the power to combine search criteria to get useful information. For example, it's possible to find all the single-jersey 100% cotton fabrics used in the current collection, or to find all styles created after a given date which use a certain fabric.

## Image Handling

PolyOrganize lets you associate one or more images with every aspect of the style specification. Images can be stored inside the database in compressed format, or linked as external files. All major image formats are supported, including PICT, TIFF, JPEG, and BMP.



# Key Features PolyOrganize



**STYLES** J-0-25-CHECKLIST

00/00/00 Start Date Selection Cancel  
10/11/1999 Deadline Completed

Style J-0-25 Description ALASKA ADVENTURE  
Category Jacket  
Season Winter 00 Supplier ACME

MILESTONES	DEPARTMENT	MIN	MAX	DATE	RESPONSIBLE	COMPLETED	USER
INIT STYLE	MERCHANDISE	16/10/99	16/10/99	16/10/99	Roger	Yes	Roger
STYLE SKETCH	DESIGN	17/10/99	21/10/99	21/10/99	Roger	Yes	Roger
FABRICS SPECS	DESIGN	21/10/99	26/10/99	24/10/99	Grace	Yes	Grace
TRIMS SPECS	DESIGN	21/10/99	26/10/99	25/10/99	Grace	Yes	Grace
GRADING SPEC	ENGINEERING	21/10/99	31/10/99	30/10/99	John	Yes	John
CONSTRUCTION SPECS	MANUFACTURING	26/10/99	31/10/99	30/10/99	George	Yes	George
PATTERNS	ENGINEERING	26/10/99	31/10/99		John	No	
COLORWAYS	DESIGN	26/10/99	31/10/99		Grace	No	
PRODUCE PROTOTYPE	MANUFACTURING	30/10/99	31/10/99		George	No	
MARKER	ENGINEERING	31/10/99	05/11/99		John	No	
COSTING	COSTING	05/11/99	10/11/99		George	No	
FINAL APPROVAL		10/11/99	10/11/99		George	No	

J-0-25-STYLE FABRICS

Style J-0-25 Description ALASKA ADVENTURE  
Category Jacket  
Season Winter 00 Supplier ACME

FABRIC	CODE	TYPE	QUALITY	WEIGHT	WIDTH	QTY
LINING	J-904	WOVEN	100% WOOL	250 gr/m2	150 cm	1.26 m
UPPER	J-902	WOVEN	80-20% Cotton Polyester	316 gr/m2	150 cm	0.72 m
LOWER-SLEEVES	J-901	WOVEN	80-20% Cotton Polyester	316 gr/m2	150 cm	0.95 m
POCKETS-COLLAR	J-903	RIB	70-20% Acrylic Wool	210 gr/m2	120 cm	53.42 gr

## Workflow Management

In PolyOrganize you can easily setup any number of style milestone templates. Milestones can be linked to specific style components, such as fabrics or size specs. A simple click will get you a sortable to-do list for any or all users for a specified period of time.

## Modification History

You can turn on automatic logging of style changes and PolyOrganize will record every change made to a style, logging the department, user, and detailed description of the change.

## Templates

PolyOrganize was designed so that you spend as little time as possible entering data. From styles and trims to sizing, sewing operations and style milestones, you can create templates or groups of objects that can be instantly retrieved and modified if appropriate.

**TS-402-STYLE MODIFICATION HISTORY**

Style TS-402 Description Men's short sleeve crew neck tee with neck piping  
Category T-Shirt  
Season Summer 00 Supplier ABC

TYPE	DATE	USER	NOTES
STYLE FABRICS	25/09/99	Roger	CHANGED: Main - SINGLE JERSEY-YARN COUNT 20, GAUGE 28
STYLE FABRICS	26/09/99	Roger	CHANGED: RIB - RIB-1X1 RIB YARN COUNT 20, GAUGE 26
STYLE COLOR VARIATIONS	28/09/99	Grace	CHANGED: Piping - SINGLE JERSEY-YARN COUNT 20, GAUGE 28
STYLE PRINTS-EMBROIDERY	28/09/99	Grace	CHANGED: PRINT-Logo Vilanova
STYLE COLOR VARIATIONS	28/09/99	Grace	CHANGED: Piping - SINGLE JERSEY-YARN COUNT 20, GAUGE 28
STYLE TRIMS	01/11/99	George	ADDED: Wash Care Label-100%cotton & 65-35 P-C
STYLE GRADING TABLE	01/11/99	George	CHANGED: Sleeveless M T-Shirt
STYLE COSTING	05/11/99	John	CHANGED: carton label-PAPER CARD MARC O POLO WOMEN

## Custom Reports

PolyOrganize provides a set of standard reports, plus the capability for users to truly create and modify their own reports. This means that almost any imaginable printed output can be achieved, without development effort and customization fees.

## Customizable

Through an extensive preferences list, PolyOrganize can be customized to use your default values and be set to behave the way you want it to. A units editor ensures that you can work with any unit for any value in the system, and a view editor lets you control what you see on screen.

## User-Definable Fields

On another level of user-customizability, PolyOrganize provides you with 36 user-definable fields on every style.

## Multilingual

PolyOrganize is available in a number of languages, and each individual user can choose the language in which forms are viewed.

**Summary** Page 1, Processed 1 of 1 Items...

STYLE SUMMARY

CUSTOMER: Adasch SEASON: Winter 00 CATEGORY: Jacket STYLE: 0-25 FABRIC: WOVEN DATE: 8-3-99

FABRICS	TRIM	QTY	DESCRIPTION
FABRIC/COMP. MAIN	Comp. Label	1 pc	Alaska Label
80-20 % Cotton Polyester	Quality Label	1 pc	Alaska Quality Label
Front Sh	RSU-536	14 pc	Metalic Eyelets size 1-3
80-20% Cotton Polyester	Z-YNC 45	12 pc	Metal Press Buttons
Pockets	B-129/4	2 pc	Buckle
70-30% Acrylic Wool	ZPR-520/1	2 pc	Metalic Zipper
LINING	VLC-78/102	8 pc	Veloro 5x2.5cm
100% Wool	END-692	2 pc	Metalic Color
	RP-427/8	2 pc	Rope Plastico End
	B-4793	2 pc	100% Cotton 2cm

**TRIMS**

Composition Quality Label Eyelets Buttons Buckle Zipper

# Key Features

# PolyOrganize



## Style Documents

PolyOrganize allows you to associate an unlimited number of images and documents with any style. This is useful for associating any kind of information, such as spreadsheets, word processing documents, or promotional images, with a style.

## Multi-level Specs and Costing

Important materials or garment features, such as fabric, can be analysed and costed at whatever level you find appropriate at any given time. Costing can also be done separately for any size/color combination.

## Automatic Price Lookup

PolyOrganize lets you maintain a multi-currency price list for all the materials in the database. When costing, the click of a button updates the cost of all materials in the style according to the latest prices in the price list.

## Messaging & E-mail

PolyOrganize provides your organization with a searchable messaging system in which messages can be related to styles and categorized according to your own specifications. Messages can also be sent via e-mail to anyone, including PolyOrganize users, external contractors, or suppliers, who may need to be notified.

## Proactive

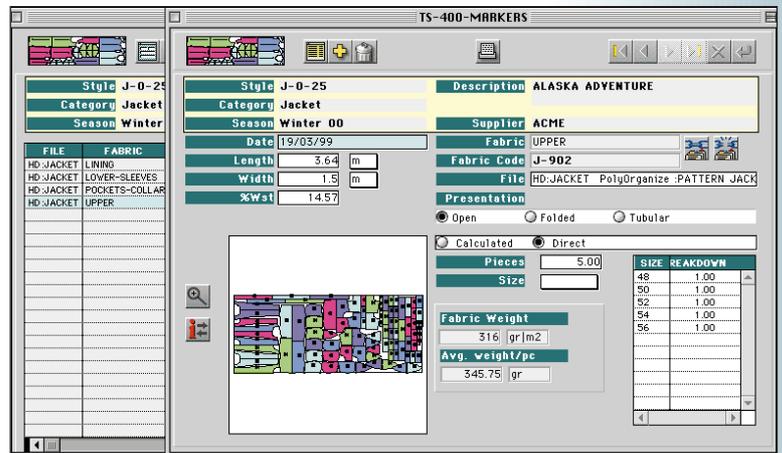
PolyOrganize can be set to automatically generate and send e-mails to concerned parties under certain conditions, such as when something is overdue, or a modification is made to a style definition.

## Web-enabled

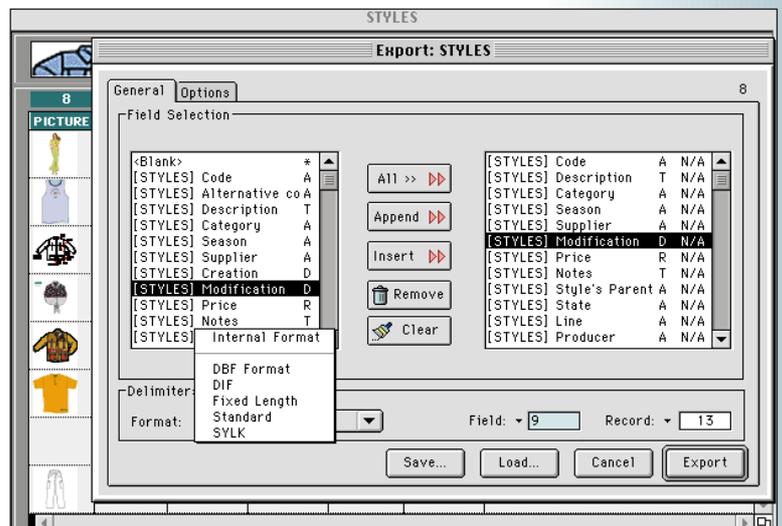
The same server serves data to both web and non-web clients, so everyone sees up-to-the-minute changes, and there are no administrative overheads in maintaining information on the web.

## Integration

In addition to providing a general-purpose, scriptable import/export mechanism for any data in the system, PolyOrganize can be dynamically integrated with any application using standards such as ODBC and SQL.



MATERIALS	CODE	QTY	PRICE	SUPPLIER	AMOUNT
LINING	J-904	1.26	17.00	FabTex	3.23
UPPER	J-902	0.72	3.20	FabTex	2.33
LOWER-SLEEVES	J-901	0.95	3.50	FabTex	3.32
POCKETS-COLLAR	J-903	53.42	2.30	FabTex	0.12
Buckle	BCL-520	1.00	2.30	CICERO	2.30
Press Button	B-4793	12.00	0.40	Buttons N&M	4.80
Eyelets	ELS-214	6.00	0.10	Moda	0.60
Label	QL-29598	1.00	0.06	LABTEX	0.06
Label	CL-8372	1.00	0.09	LABTEX	0.09
Front Zipper	Z-VSC5 PE	1.00	0.70	ZIP Ltd	0.70
Pockets Zipper	Z-CNFM 5	2.00	0.45	ZIP Ltd	0.90
Velcro	V-8372	10.00	0.02	MODA	0.20
Ends	END-5295	2.00	0.10	PlasticModa	0.20
Rope	RP-2576	160.00	0.00	MODA	0.27
Bag	S200	1.00	0.03	PlasticModa	0.03
Carton Label	CL-2323	1.00	0.03	LABTEX	0.03
Bar Code	BC-8870	1.00	0.00	LABTEX	0.00
PRINT		1.00	30.00	LosChromas	3.21
					3.21
					22.42



# System Enviroments: Cross Platform and Web

# PolyOrganize



## Standard Technology

PolyOrganize is based on a relational database (RDBMS) with SQL and ODBC capabilities. It runs standalone or under a client/server architecture. Clients can be based on MacOS® or Windows®. Web clients can be based on any platform that provides a web browser.

## Data Security

User access privileges can be individually assigned to each aspect of style development.

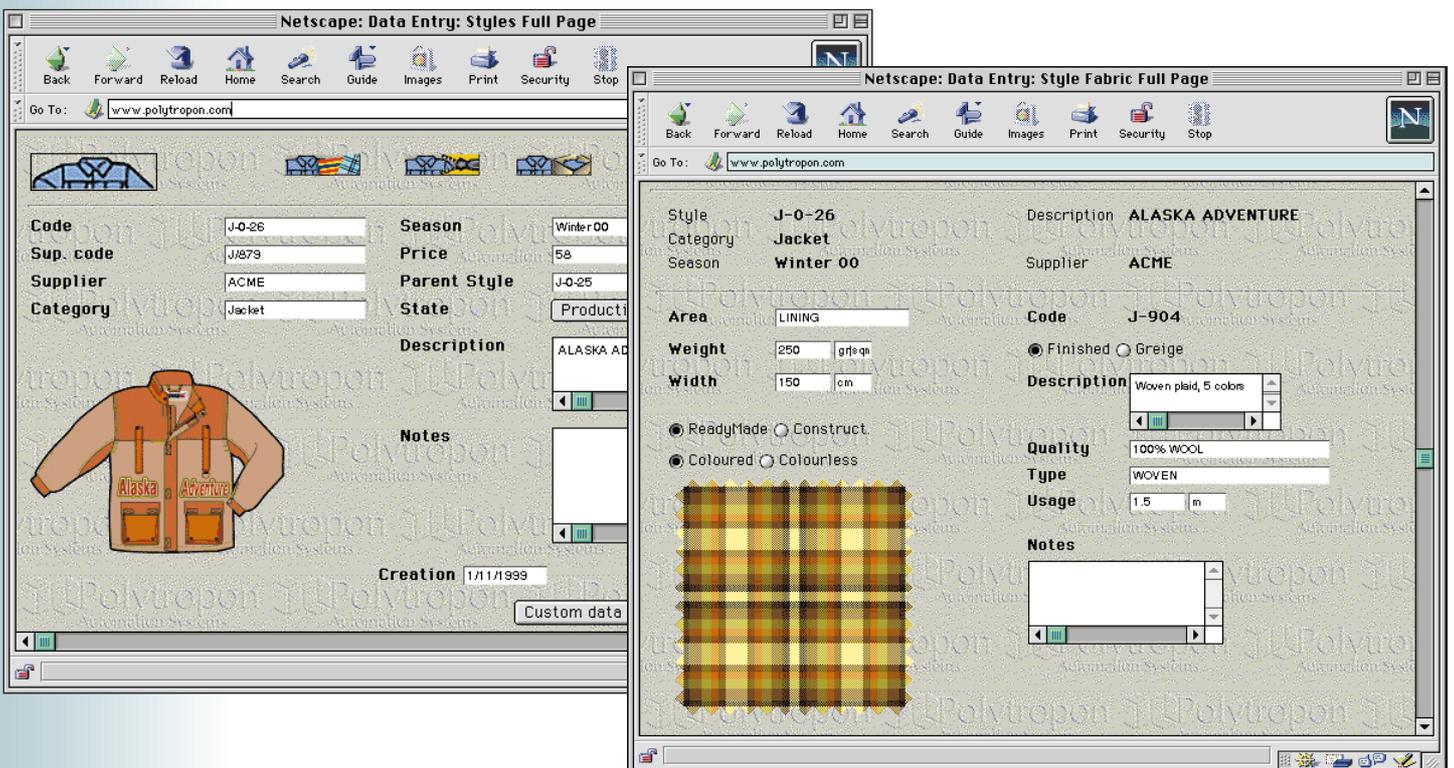
## Dynamic Information Sharing through the Web

While the "documents" you create using PolyOrganize can be shared electronically using any form of document sharing over the Internet (e-mail, e-mail attachments, ftp, etc.), we propose a solution more suited to the nature of your business.

PolyOrganize's answer to the challenges of sharing constantly changing data with remote locations is simple: the same source of data for everyone.

In PolyOrganize, standard clients and web clients view exactly the same database, so that when a change is made everyone is instantly updated.

Using the web to allow access to trading partners also means there is no setup time, no administrative overhead, and no maintenance concerns about software synchronization for either business, since only standard software is used.

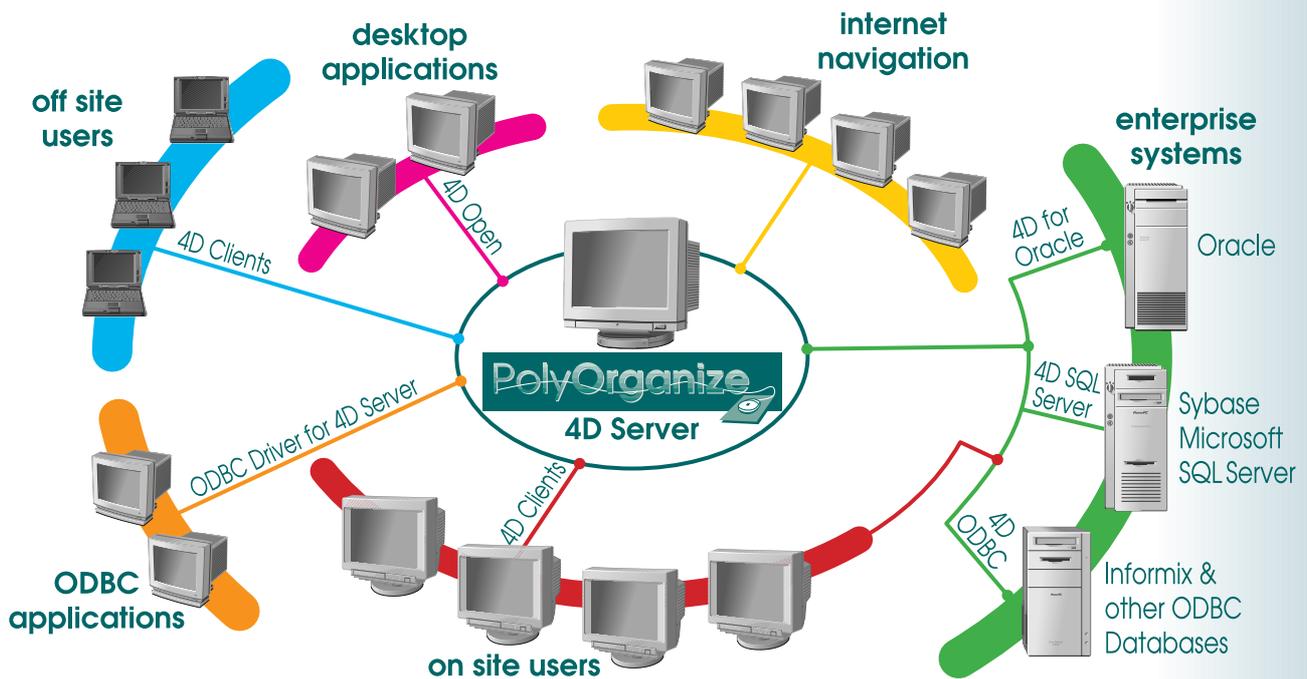


# Integration PolyOrganize



PolyOrganize has a general-purpose, fully scriptable, **import/export** mechanism which allows you to import and export any of the data in the system in common formats such as text, dbf, and SYLK. Exports can be scheduled to run automatically at fixed dates or intervals.

In addition, PolyOrganize can be **dynamically** integrated with any application, in a number of ways.



## PolyOrganize Interface to Other Databases Using ODBC (Open Database Connectivity)

There are two ways of integrating PolyOrganize with other databases via ODBC. First, PolyOrganize can act as the data source, allowing other applications full access to PolyOrganize data. For example, an ODBC application could transfer to the PolyOrganize database the latest material prices, or it could transfer from PolyOrganize the latest style information. Secondly, PolyOrganize can be customized to communicate with an external ODBC data source, displaying, manipulating, and modifying data stored in that database. For example, PolyOrganize could be customized to send, upon style definition completion, the complete specification to another database.

## PolyOrganize Interface to Oracle and SQL Databases

PolyOrganize can be customized to store a mirror of its data in an Oracle or SQL database. Any modification of data in the one database would automatically update the other.

## PolyOrganize Interface to Desktop Applications

Other applications can retrieve and modify data in the PolyOrganize database through the 4D Open Application Programming Interface. For example, PolyPattern, CAD software for pattern design and marking, uses the 4D Open API to send pattern and marker data to PolyOrganize.

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