Input From:
Keyboards
and
Mice,
Scanners,
Magnetic Tape

Machine-to-Machine Communications:
Local Area Networks

Output To:
Laser Printers,
Typesetters,
Plotters,
Magnetic Tape

Common User Interface

Imaging	C I M Technologies					Document Production
	DSS	CAE	CAD	CAPP	CAM	

Integrated Database

Operating System

Hardware Delivery System
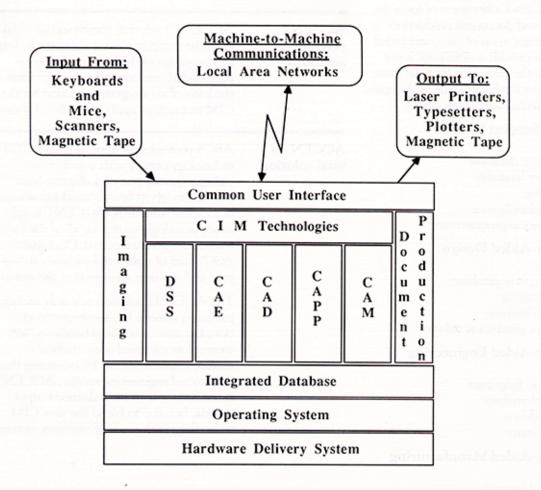
ACCENT Systems is an integrator of proven software packages on reliable hardware. Utilizing the concepts of integration developed by ASC professionals, a unique, balanced strategy has been formulated for supplying customers with an integrated set of powerful software tools for the computer integrated manufacturing market (CIM). It is ACCENT's philosophy that most computer-aided applications are in essence based upon the manipulation of documents from various project sources. Key to the effective and successful manipulation of these sources is the choice of the user interface. The interface must have the necessary specifications and characteristics to provide a means of controlling the components of the document by a wide variety of individuals.

The ACCENT solution

By successfully integrating imaging and document production with proven hardware/software applications, ACCENT is able to deliver a productive system on high-performance workstations. Drawing upon the technologies of Decision Support Systems, Computer-Aided Engineering and Design, as well as Computer-Aided Manufacturing and Process Planning, the ACCENT integrated solution focuses on a three-part strategy:

- a common user interface
- a common underlying database structure
- imaging and computer-aided printing technology

The ACCENT solution is flexible. Illustrations may be scanned on a digital scanning device or created on-line by a Computer-Aided Design software package. Text and graphics may be combined

into a single document using this skillfully-designed, integrated system. Once the document has been prepared, the result can then be sent to the user's choice output device.

Computer-Aided Process Planning (CAPP)
- Production database
- Material requirements planning
- Manufacturing resources
- Distribution requirements planning

Common CIM applications

While ACCENT's key areas of focus are in imaging and document production, the other major areas of computer-aided applications provide a significant input source from the manufacturing database. The following is a list of some of the common CIM technology applications:

Decision Support Systems (DSS)
- Technology database
- MIS query language
- Forecasting
- Artificial intelligence
- Mathematical programming

Computer-Aided Design (CAD)
- Graphics parts database
- Design drafting
- Drawing database
- Interactive graphics simulation

Computer-Aided Engineering (CAE)
- Simulation languages
- Structural analysis
- Solid modeling
- Expert systems

Computer-Aided Manufacturing (CAM)
- Numerical control
- Robotics
- Test equipment

ACCENT product solutions

ACCENT's solution combines the input from the computer-aided applications with its knowledge of the imaging and computer-aided printing technology to form the basis of an integrated solution for the CIM technology applications listed above.

ACCENT's total solution

ASC's professionals approach each CIM technology project with a goal of providing a quality and cost-effective solution. Through its broad-based knowledge of industry standards, ACCENT is able to act as a single source for all of the hardware and software required. Once installed, ASC's staff of skilled technicians can support and monitor all aspects of the system.

The ACCENT solution not only includes packaged systems for document production, but also customized hardware/software solutions based upon particular customer specifications. By providing this customized engineering service, ACCENT is not only able to meet defined output criteria, but also to blend the new CIM technology with existing customer systems.

About Accent Systems

Formed in 1985, Accent Systems Corporation is a Pittsburgh-based computer marketing service and support organization. Accent's corporate focus is the integration of proven hardware and software products into an overall computer integrated manufacturing environment. The company has brought together a group of outstanding professionals in hardware, software, engineering and applications. Combining these talents, the staff applies its knowledge of computer-aided applications to develop integrated software solutions for the aerospace, automotive and government marketplaces.

ACCENT SYSTEMS CORPORATION