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The new management plans to expand the operation considerably, impro service levels by holding stocks of the 100 most frequently ordered book titles and making it possible for all professionals (not only librarians) to order by calling a toll-free number, 1-800-372-6657 (800-DP-BOOKS, of course) as well as by mail, as at present. This will create problems of credit checking and create the need for an inventory control system of some sort. The people who take the orders over the phone will need rapid access to a catalog of books to verify authors and titles and to be able to advise callers what books are available on any given topic.

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The volume of transactions on the new system will, of course, depend on the acceptance of this new method of ordering, but it is projected to grow to 1,000 invoices per day or more, though with a lower average of books per invoice (since librarians tend to order more books at a time

A systems analyst has been assigned to this newly acquired division with the responsibility of investigating and specifying the new system on behalf of the Vice President of Marketing

Alternative Scopes

- Computerize the order verification process.
- Computerize accounts receivable
- Integrate order verification, requisitions and accounts receivable.
- Of course, each one of these alternatives will have different budget and project-length implications.

Business Process Reengineering

- Requirements analysis explores alternatives which may involve changes in the way an organization does business (remember that one of the roles of the requirements analyst is to be a "change
- Changing an organization's business processes is very popular today and is referred to as business process reengineering
- BPR calls for a drastic, global restructuring of an organization which eliminates boundary lines between departments and makes the organization focus on the **global business processes** that define its business
- For an insurance company, these business processes might be: sellInsurancePolicy, processRenewal, handleInsuranceClaim.
- For a telephone company the business processes might include: $sell Subscription, \ process Monthly Payment, \ handle Service Call,$ handle-Problem

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Breaking Local Boundaries

- "Conventional" work structure tries to divide up tasks into ever smalled subtasks which are assigned to departments, teams or individuals.
- BPR proposes work teams which collectively take responsibility for a business process and carry it out from start to finish.
- For example, the conventional way of handling insurance claims might be to give each claim to an assessor, who checks it out and passes it on to a lawyer, who makes his recommendation and passes it on to the finance department, etc.
- The BPR way, has a team of people handle all aspects of an insurance claim and process it from start to end.
- Often, this restructuring reduces wasteful paper shuffling, replaces it with (computerized) information handling.
- The members of a team can now identify with each case they handle, get credit/blame for the handling.

