























# 3 kinds of business processes: Factory processes (also called *product realization* processes) Business support processes (also called *administrative* processes) External interface processes (also called *customer* and *supplier* processes) Products are the result of processes

### Product realization processes Operating Assembling Quilting Coating Cooking Riding De-icing Sequencing Fastening Serving Growing Teaching Inspecting Testing Washing Moving



# External interface processes Also called customer oriented processes (cops) and supplier oriented processes (sops) Typical departments: Marketing Sales Customer support Shipping Design requirements Purchasing





### 3





















### Universal process affecters

Methods: These are the instructions we provide for the task. Often called *documents*.

- Material: These are the things used by the process.Manpower: (and
- womanpower!) These are the human competencies needed.

Measurement: These are the data taken of the process and their use. Machinery: This is the equipment used to perform the action. Environment: These are the outside influences on the process.















### Step 5: Gather objective evidence

This is the fieldwork and starts after the opening meeting.

You need to walk the processes (*tracing*) and interview the people performing the tasks. (You go to them.)



### Gather data, for example:

Computer network was down for a total of 25 minutes during the month of July.

Tellers backed up data for the seven shift changes examined.

Hill Street branch experienced 3 cash machine paper receipt jams in June.

Generic deposit slips were available at all teller stations.

## Gather data, for example:

- 6 of 48 overhead lamps were non-functional at the Charles Circle branch on Friday.
- All tellers are examined for math and communication skills prior to hire.
- Backup server was loaded with out of date data files on July 12.
- Bill sorting machine malfunctioned on July 3 and again on July 9.











# The Process approach to audits

Step 1: Define the products
Step 2: Define the processes by flowcharting
Step 3: Study the processes through turtle diagrams
Step 4: Develop objective evidence needs
Step 5: Gather objective evidence (fieldwork)
Step 6: Analyze data to form finding sheets
Step 7: Report your conclusions
Step 8: Address problems through remedial and
concenve actions

### **Conclusion**

- We must first understand the (business) processes to be audited and how they relate to the objectives of the enterprise.
- We then gather field data on how those processes are being controlled.
- We present conclusions in a way that shows the way strengths and weaknesses affect the business.



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