

## Part Project 3

### Designing an Enterprise Information Portal

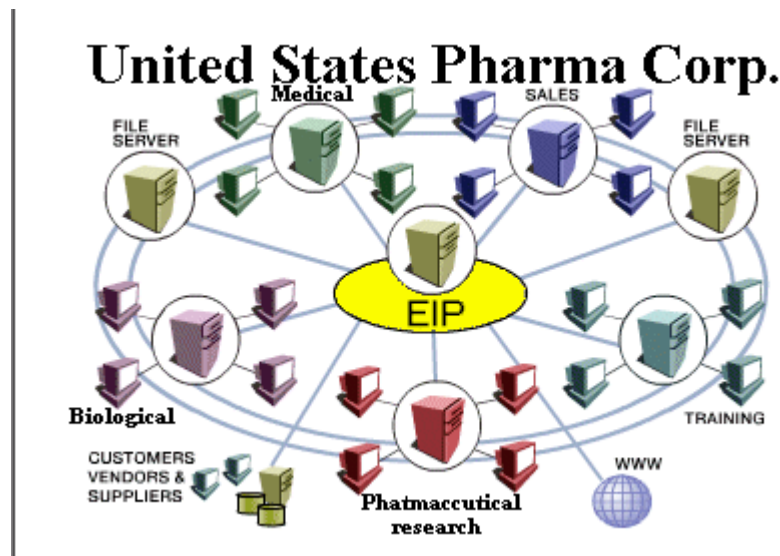
#### Teaching Objectives

- To understand the key functions and systems of a business.
- To design a corporate portal that includes a description that can be reviewed and approved by senior executives.
- To design a corporate portal that includes internal systems and databases that users would need to access.
- To understand the challenges of identifying external sources of communication and collaboration facilities.

#### Teaching Suggestions

The United States Pharma Corp. “produces many over-the-counter drugs to combat such problems as headaches, pains, athlete’s foot, and allergic reactions. The company also produces and sells some drugs that help to cure or improve some animal diseases such as heartworms and fleas.” Since it is headquartered in the United States, the system has to be hardware and software reliable. The hardware configurations must consist of dependable, mass storage drives with fast, large quantity memory modules. The hardware also has to have high-speed communication with a typology that has collision detecting, but most importantly has the networking capabilities to manage the high traffic between the cities and countries, and the high demand for bandwidth that videoconferencing desires. It must include aspects of wireless, blue-tooth, networking for laptop users. The software must be compatible with the hardware and the operating systems, but also user friendly.

The internal systems and databases that users of the portal would need to access vary according to their position in the company. Also, users only have access to the databases they need to do their job; the administrator will regulate the permissions. Some of the databases in the system would include projects, biological and pharmaceutical research, medical, and chemical. For new hires, employees will be given a profile that will have their system information. This will make future upgrades more efficient.



Researchers would need to access external sources, such as the World Health Organization, the Food and Drug Administration, etc. Links to these organizations are located at a link on the local USP portal. Also, they would have links to their customers, news, procedures, and updates about FDA approvals, etc.

Intranet search tools can include a phone listing so employees can communicate and have access to past experiments for reference. For the Internet, they can send an e-mail to notify them of Web sites to add to their bookmarks. This list can also be posted on the portal.

