

SOFTWARE CLASSIFICATION

- The software product classification is according to NAPCS model: North American Product Classification System - Provisional Product List
- This classification is for software products and does not include services
- In this classification the software is divided to System Software and Application Software, with each having several sub levels
 - System software is the low-level software required to manage computer resources and support the production or execution of application programs
 - Application software is software program that performs a specific function directly for the end user
- For further details please see NAPCS explanations below



SYSTEM SOFTWARE INCLUDES

1. **Operating systems software**, including
 - Client and network operating systems
2. **Network software**, including
 - Network management software
 - Server software
 - Security and encryption software
 - Middleware
 - Etc.
3. **Database management software**
4. **Development tools and programming language software**, including
 - Software testing tools and testing software
 - Program development tools
 - Programming languages software
5. **Other system software**



APPLICATION SOFTWARE INCLUDES

1. **General business productivity applications**, including
 - Office suite applications
 - Word processors
 - Spreadsheets
 - Simple databases
 - Graphics applications
 - Project management software
 - Etc.
2. **Home use applications**, including
 - Games
 - Reference
 - home education
 - Etc.

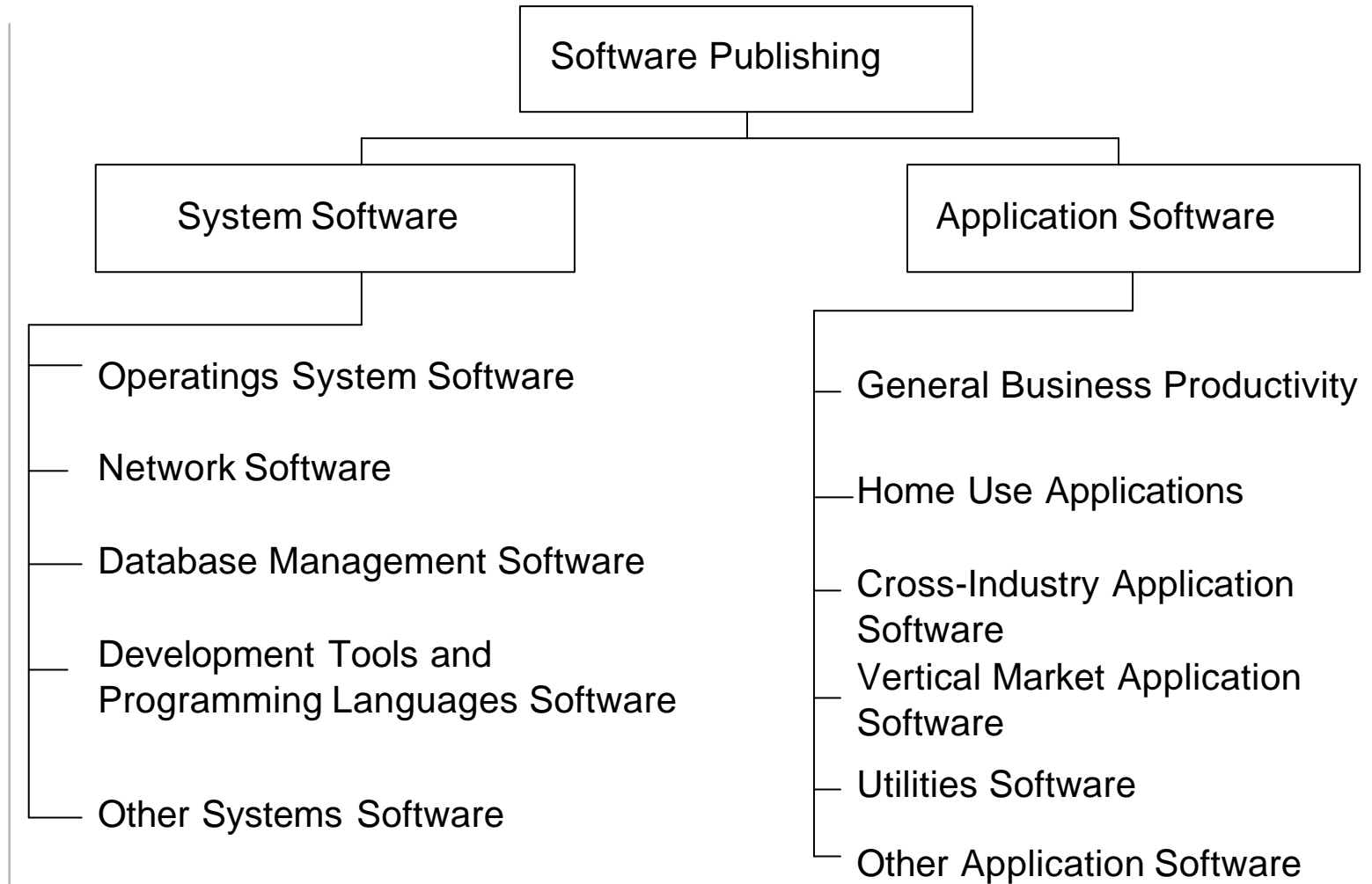


APPLICATION SOFTWARE INCLUDES

3. **Cross-industry application software**, including
 - Professional accounting software
 - Human resource management
 - Customer relations management software
 - Geographic Information System software
 - Web page/site design software
 - Etc.
4. **Vertical market application software**
 - Software for a specific industry (manufacturing, healthcare, telecom, etc.)
5. **Utilities software**, including
 - Compression programs
 - Antivirus
 - Search engines
 - Font
 - File viewers
 - voice recognition software
6. **Other application software**



NAPCS SOFTWARE CLASSIFICATION



SYSTEM SOFTWARE

System software

The low-level software required to manage computer resources and support the production or execution of application programs but which is not specific to any particular application.

- **Operating systems software**

The low-level software which handles the interface to peripheral hardware, schedules tasks, allocates storage, and presents a default interface to the user when no application program is running. (Includes all client and network operating systems).

- **Network software**

Software that is used to control, monitor, manage and communicate with operating systems, networks, network services, databases, storage and networked applications in an integrated and cooperative fashion across a network from a central location. (Includes all network management software, server software, security and encryption software, middleware, etc).



SYSTEM SOFTWARE

- **Database management software**

A collection/suite of software programs that enables storage, modification and extraction information from a database. There are many different types of DBMSs ranging from small systems that run on computers to huge systems that run on mainframes, e.g. Oracle.

- **Development tools and programming languages software**

Software used to assist in the development and/or authoring of computer programs. Software products that support the professional developer in the design, development, and implementation of a variety of software systems and solutions. (Includes all SW testing tools, program development tools and programming languages software).

- **Other systems software**

Systems software not elsewhere classified



APPLICATION SOFTWARE

Application software

Software program that performs a specific function directly for the end user.

- **General business productivity applications**

Software used for general business purposes to improve productivity (Includes office suite applications such as word processors, spreadsheets, simple databases; graphics applications; project management software, computer-based training software etc.)

- **Home use applications**

Software used in the home for entertainment, reference or educational purposes (includes games, reference, home education, etc.)

- **Cross-industry application software**

Software that is designed to perform and/or manage a specific business function or process that is not unique to a particular industry. (Includes professional accounting software, human resource management, customer relations management software, Geographic Information System software, web page/site design software, etc.)



APPLICATION SOFTWARE

- **Vertical market application software**

Software that performs a wide range of business functions for a specific industry such as manufacturing, retail, healthcare, engineering, restaurants, etc.

- **Utilities software**

A small computer program that performs a very specific task. Utilities differ from other applications software in terms of size, cost and complexity. Examples include: compression programs, antivirus, search engines, font, file viewers, and voice recognition software.

- **Other application software**

Applications Software not elsewhere classified.

