



[www.careersinghana.com](http://www.careersinghana.com)

Email : [info@careersinghana.com](mailto:info@careersinghana.com)

Tel: +233 245649846

# Computer Information Systems Manager Careers, Jobs and Employment Information

## Career and Job Highlights for Computer and Information Systems Managers

- Occupation growth is expected to increase as resulting from wider computer jobs
- The most qualified individuals for management positions will have formal previous education and work training
- Highly qualified individuals will also have a [Master's degree](#) in information systems management or business related field.

## Information Systems Manager Career Overview

Organizations have demanded greater use of newer technologies in recent years to stay competitive. Important issues involving the use of electronic or online commerce include when and how a company incorporates these new technologies. Information and Computer systems managers are essential in planning an organization's future, maintaining Internet support, and supervising security operations.

Managers are in charge of all planning and developing phases of a firm's activities. They consult with executive managers about plans and goals for the future while working with teams in the conceptual capacity and developmental process of particular products.

Computer and information systems managers supervise the programming, support, and analyst departments of an organization. They work in the planning and developing process of all implemental phases of computer activities. This includes installing software and hardware, design programming, networking, and Internet maintenance. More managers are even involved in network security areas, in addition to strategically evaluating organizational needs relating to equipment and information. They set tasks and delegate responsibilities for workers and are essentially on top of the latest up-dates in technology news and advancement to help the organization stay competitive.

Management information systems (MIS) directors oversee all resources and systems within a

firm. They are often subordinate to a head information officer and supervise the work of other subordinate information workers. They manage the many services available to employees, including the help desk and making valuable suggestions to technological practice as it relates to software and hardware development. These managers are essential to an organization in ensuring the fluidity, efficiency, availability, and security of all services.

Project Managers work out the firm's necessary scheduling and budget requirements for specific projects. They work in all phases of the project with all of the key players in the process, including clients, technological specialists, consultants, and sales representatives. Security enhancement is becoming a more common type of project for these managers.

LAN/WAN (Local Area Network/Wide Area Network) managers work in the administration and design process of a local firm's internal network. They essentially manage the operation of the network and all of its elemental features—including, applications and systems software, hardware, and others.

Strong interpersonal skills will help computer and information specialists work with and coordinate activities of different workers. They coordinate activities with top management executives, departmental managers, equipment suppliers, and all other contractors.

### **Information Systems Manager Career Training and Job Qualifications**

Computer and Information systems managers must be capable of working with subordinates in technical areas while helping top management and customers understand in simple terms. Thus, managers are best to have had prior formal working and education experience.

It is common for computer and information systems managers to have prior experience in one or more of several specialty areas, including information technology, systems analysis, and programming. While a [bachelor's degree](#) will usually qualify one for a management job, having a [Master's degree](#) that emphasizes both technology and business administration is highly favorable for employers. This is such as business and technology is becoming interdependent in business decision-making. [Information technology degrees](#) are sometimes offered in management-information, which combines communication and business skills with core information technology. Sometimes, if a manager has adequate training and experience all that is needed is an [associate's degree](#). A manager in this situation will often go on to earn a Master's degree at some point in order to further their advancement.

A wide amount of skills in technology and business will aid computer and information systems managers. Employers look favorably upon potential managers with backgrounds in both software and other specific technology and business. The importance of manager's decisions that affect the business has only been augmented by the growth in e-commerce. Managers should have the ability to work with all people, including customers, in this process.

Managers will benefit from having strong leadership and communication skills in their dealings with people within and without the organization. This is especially important in the collaboration process within a project team. In general, computer and information systems managers exercise

an important role in representing a firm when interacting with outside individuals.

### **Job and Employment Opportunities for Information Systems Managers**

Over the next decade, computer and information systems manager occupations are likely to expand at a rate faster than most other occupations. This is especially so as technology evolves and requires more workers and managers to guide this process. Moreover, employee and manager turnovers will bring added job opportunities. Those with a [Master's degree](#) in business technology and management, and those with good interpersonal skills will be most qualified for these opportunities.

Notwithstanding the economic recession, the future holds strong for computer and information systems managers. Organizations will be implementing complex networks in order to stay competitive in this field. Thus, more managers are required to maintain these networks in smooth operation.

Es electronic commerce continues to rise, so will the need for network security. This has become an increasingly vital issue in recent times, as organizations are required to understand potential attacks and vulnerabilities, such as those caused by viruses and hackers. Managers will continue to be needed to maintain such things as “cyber-security” and assume roles of leadership in order to sustain the integrity of the computing departments. As a result, demand for managers with strong security knowledge will grow rapidly in the future.

The roles that computer and information systems managers fill will continue to change with the evolution of e-commerce and customer inter-relationships. Additionally, wireless Internet technology will result in the rising demand for managers with both technical and business knowledge.