

IS/IT/Information Services Managers

IS/IT/Information Services management is a primary career option for Information Systems majors. Such positions require jobholders to apply both business and technology knowledge; Information Systems majors acquire both types of knowledge when completing the major. Such positions are common in major corporations and involve planning, directing, or coordinating information systems, systems development processes and ensuring the alignment of IT resources with the organization's strategic objectives. The averages listed in the following tables summarize 2008 salary data, today's averages are higher (ComputerWorld IT Salary Survey 2008).

Senior IS/IT Management Positions

Job Titles	Compensation*
Chief Information Officer (CIO) Vice President of IS/IT	\$173,109
Chief Technology Officer (CTO)	\$165,304
Chief Security Officer (CSO)	\$116,037
Director/VP of e-commerce	\$188,125
Director/VP of Systems Development	\$163,383
Internet Technology Strategist	\$132,369

Middle IS/IT Management Positions

Job Titles	Compensation*
Product Manager	\$116,496
Information Security Manager	\$101,996
Application Development Manager	\$110,806
Database Manager	\$103,126
Project Manager	\$101,285
IS/IT Manager	\$90,661
Communications Manager (voice, data, telecom)	\$83,640
Computer Operations Manager	\$80,072
Network Manager	\$80,299
Help Desk/Technical Support Manager	\$70,815

Entry-Level IS Positions

There are numerous entry-level positions available to IS majors and most of these provide a career path that leads to middle and senior level positions in IS, IT, and Information Services departments or divisions. Information Systems majors often compete with Computer Science, and Information Technology majors for these entry-level positions, but because of superior business knowledge, IS majors have a unique skill-set that may lead to more rapid promotion to IS/IT management positions.

Business Systems Analysts - IS majors are especially well-suited to entry-level business analyst (BA) positions. Business analysts and systems analysts analyze user

requirements, procedures, and problems to automate or improve existing systems; they also review computer system capabilities, workflow, and scheduling limitations. They play a key role in developing business cases for IT investments and are also called upon to analyze or recommend commercially available software.

Job Titles	Compensation*
Senior Systems Analyst	\$89,015
Business Intelligence Analyst	\$77,117
Systems Analyst	\$70,978

Database Administrators - Database administrators (DBAs) coordinate changes to business databases; they apply their knowledge of database management systems (DBMS) to implement and test the databases. Most DBAs also plan, coordinate, and implement security measures to safeguard the data contained in corporate databases and many are actively involved in the development and use of data warehouses.

Job Titles	Compensation*
Database Architect	\$110,972
Database Administrator (DBA)	\$89,436
Database Developer	\$87,489
Data/Database Analysts	\$76,107

Network Administrators - Network administrators install, configure, and support an organization's local area network (LAN), wide area network (WAN), and Internet connections. They are responsible for maintaining network hardware and software, monitoring network availability to network users, and take preventive and corrective measures to ensure that the network is available to network users. Network administrators supervise other network support specialists and are responsible for planning, coordinating, and implementing network security measures.

Job Titles	Compensation*
Network Architect	\$118,120
Network Engineer	\$79,450
Systems Administrator	\$69,205
Network Administrator	\$59,520

Application Developers, Programmers, and Computer Support Specialists - Application developers develop, create, and modify computer applications software. Computer programmers are responsible for converting the information assembled by business analysts (project specifications, problem statements, procedures, data flow diagrams and system flow charts) into computer program code. Their primary responsibility is to develop and write computer programs to store, locate, and retrieve specific documents or information or to manipulate data to produce needed information. Computer support specialists provide technical assistance to computer system users. Their jobs frequently involve answering user questions or resolving computer problems for clients in person,

via telephone or from remote location. They may also provide assistance concerning the use of computer hardware and software, including installation, printing, e-mail, and specific application programs.

Job Titles	Compensation*
Software Developer	\$81,660
Programmer analyst	\$69,291
Messaging/E-Mail Specialist	\$77,429
Quality Assurance (QA) Specialist	\$71,379
Help desk/tech support	\$49,619

** Compensation is the total of average salary plus average bonus according to a survey conducted in 2008, as reported in Computerworld*
http://www.computerworld.com/s/article/9119020/2008_Salary_Survey_IT_pay_takes_tiny_leaps