

The logo consists of the letters 'LHS' in a bold, serif font, enclosed within a white square with a black border. The square is positioned in the top left corner of the slide.

LHS

A stylized globe graphic is centered in the background. It features a blue silhouette of the continents against a dark blue circular backdrop. A white curved line, resembling a latitude or longitude line, arcs across the globe from the top right towards the center.

All You Wanted To Know About I.S. Auditing, But Were Afraid To Ask!

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What is Information Systems Auditing?

- An objective & independent service to management that provides:
 - assurance of the reliability of the IT governance processes
 - quality assurance of developments
 - advice on building controls into systems
 - risk management advice
 - special investigations
 - computer forensics

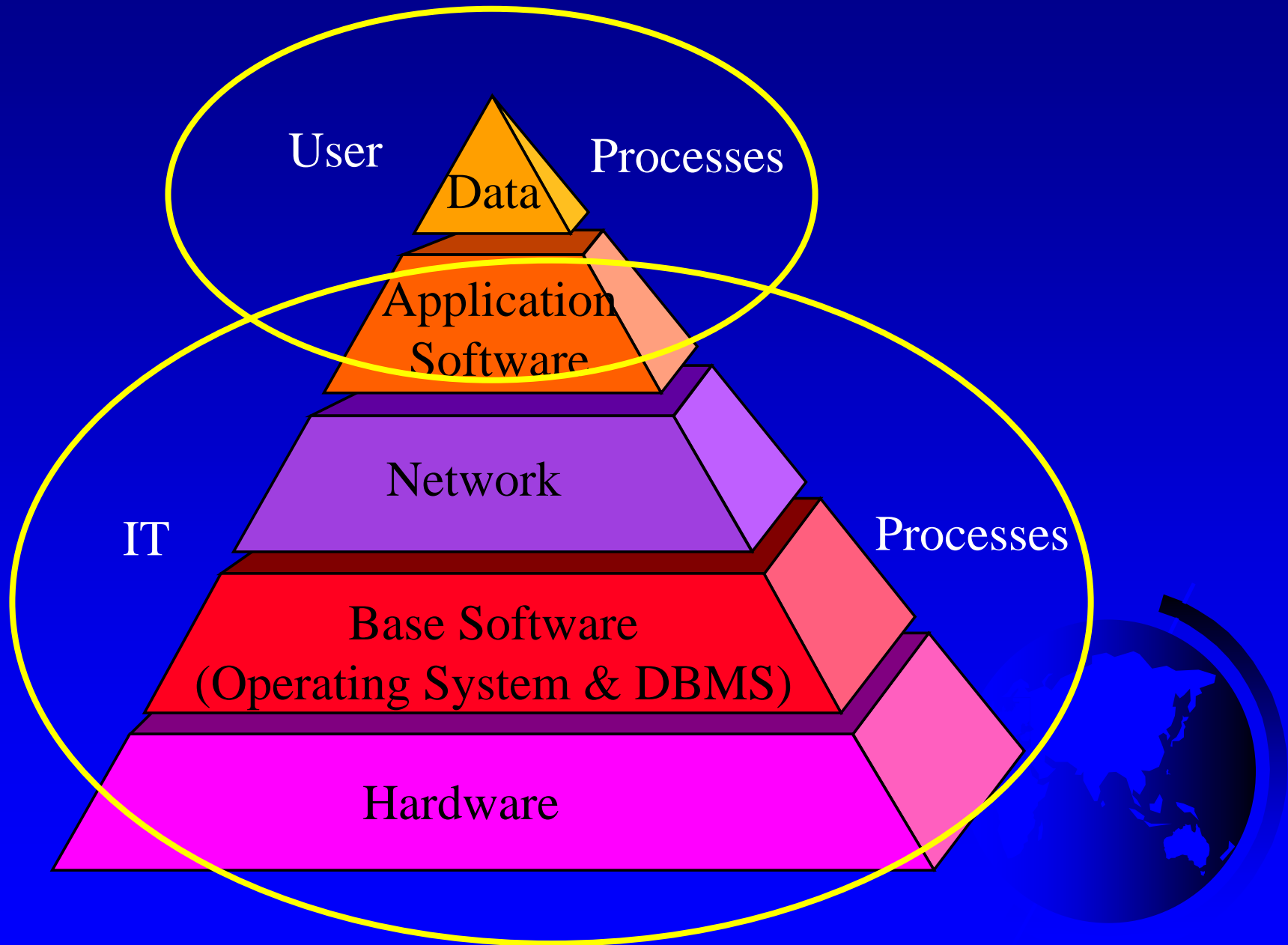


Why is it Important?

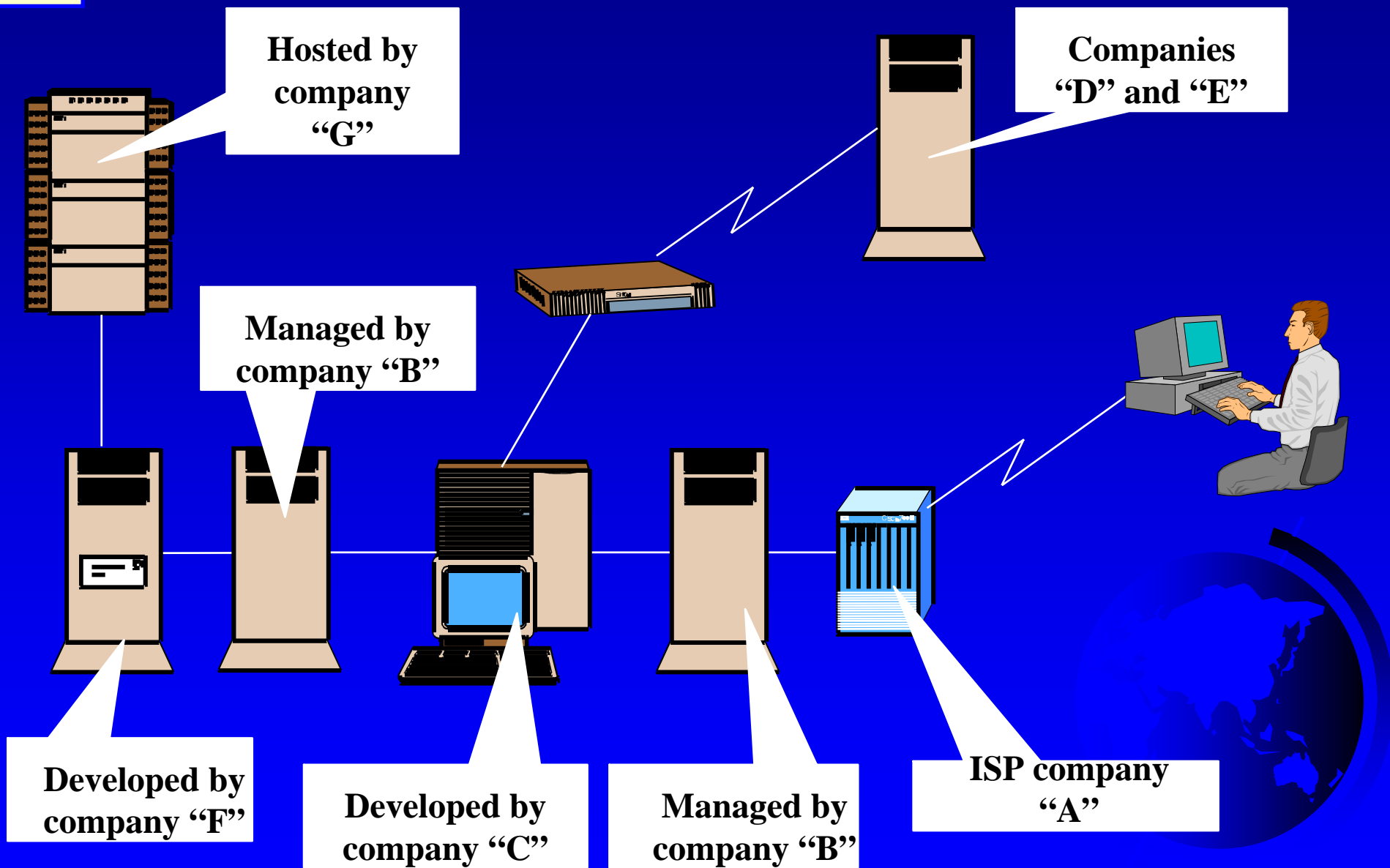
- IS is becoming a top priority for executive management
- Increased access to and use of computers
- Growing concern for data security due to proliferation of technology
- Growth in computer crime
- Increased systems complexity
- Privacy legislation
- Statutory and regulatory compliance requirements



IT Responsibilities



Your Business Partners



I.S. Audit Work

- Infrastructure reviews
- Application reviews
- Pre-implementation reviews
- Security reviews
- Network reviews
- Computer forensics
- Advisory roles
- Training
- Data integrity assurance
- IT governance assurance
- Control design



Skill Set Required

- In-depth knowledge of IT & IS
- Business knowledge
- Risk management knowledge
- Interviewing skills
- Good written & oral communication
- Excellent analytical ability
- Investigative skills
- Project management skills
- Documentation skills
- Knowledge of the law
- Social skills



What Qualifications?

The options are:

- Certified Information Systems Auditor (CISA)
- Qualification in Computer Audit (QiCA)
- Member of the British Computer Society (MBCS)
- Diplomas in Internal Auditing (PIIA, MIIA, CIA)
- Certified Information System Security Practitioner (CISSP)
- Certified Information Security Manager (CISM)
- Chartered Software Engineer (CEng)
- BSc/MSc in Computer Science or Computer Security



Computer Audit Areas and Qualifications

<u>Aspect</u>	<u>Qualification(s)</u>	<u>Background</u>
Technical	CISA, QiCA, CEng, MBCS, CISSP, CISM	Computing, Engineering
Existing Applications	CISA, QiCA, Accounting	Finance, Computing
Developments	CISA, QiCA, MBA Accounting,	Project Management, Finance, Computing

Why Do It?

- Allows for an expedient, high-level understanding of organization and industry
- Exposure to senior-level management
- Transportable disciplines
- Growth market
- Good remuneration
- Networking opportunities
- Potential travel



Career Progression?

- Director of IT
- Director of Internal Audit
- Project manager
- Consultancy
- Academia
- Forensic computing
- Law enforcement
- Money launderer?

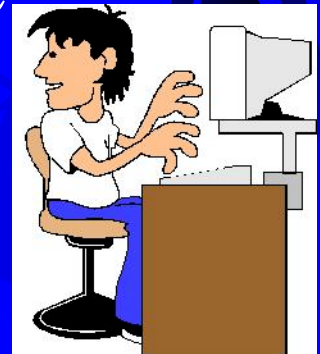


What Can You Earn?

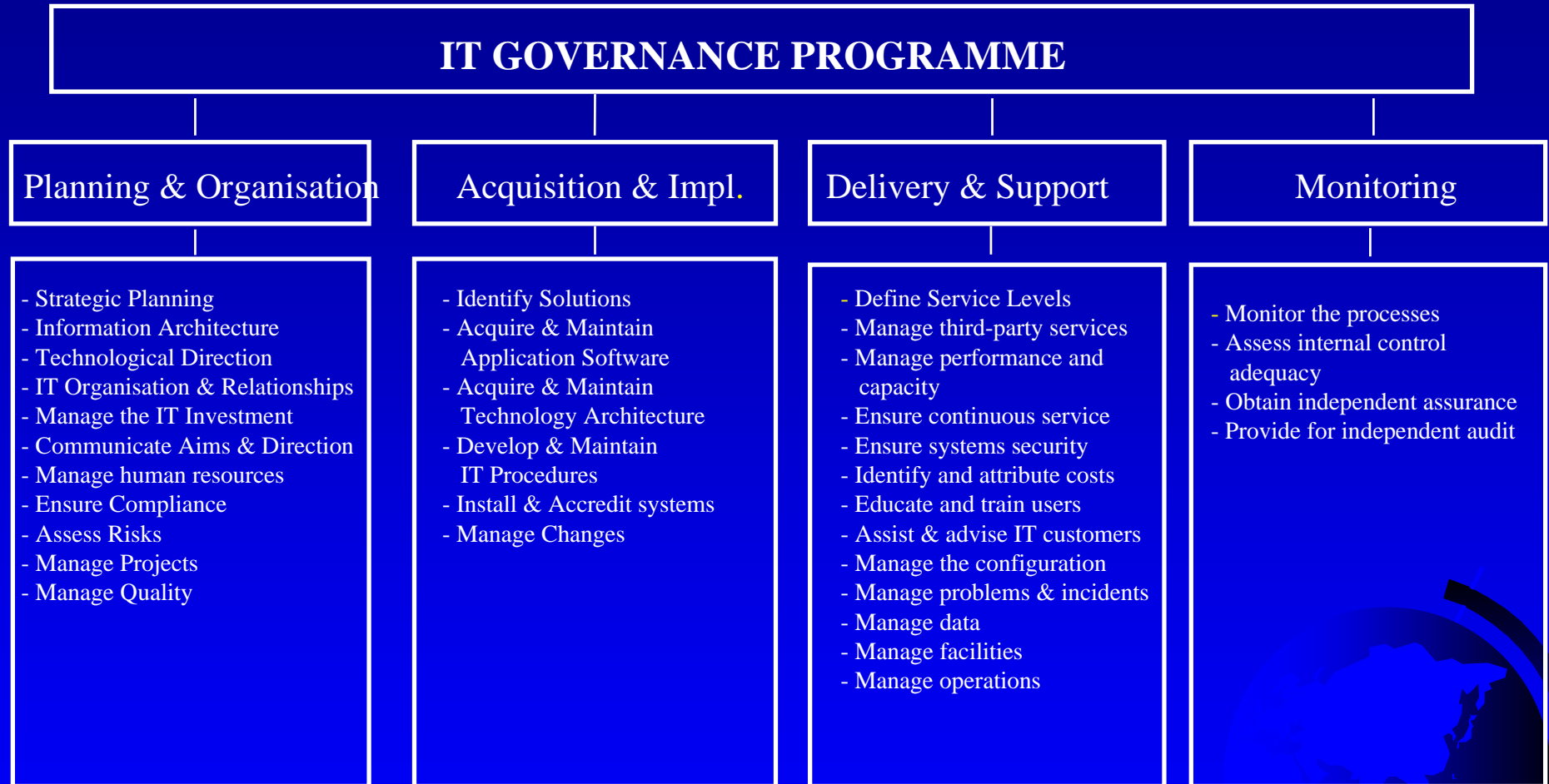
- Partner of Big 4 - £350,000+
- Senior Computer Auditor in London: £30,000 - £90,000
- Middle East: £50,000 - £150,000



- Computer Assisted Audit Techniques (CAATs)
- Information Security Management Standard (ISO 17799)
- Control Objectives for IT (CobiT)
- Firewall/Network penetration software
- Development methods



CobiT Provides



Professional Support

- Information Systems Audit & Control Association (ISACA)
- BCS Information Risk Management & Audit Specialist Group (BCS-IRMA)
- IT Faculty of the Institute of Chartered Accountants



Information Systems Audit & Control Association (ISACA)

- Founded in 1969
- Membership of around 35,000
- Operates in over 100 countries
- Facilitates a free exchange of audit techniques and problem-solving approaches among members
- Promotes increased awareness of IT Governance and IS controls
- Provides membership opportunities for full-time students as well as experienced practitioners



Local Support

- Local Chapter - London
- Third largest in the world (1000+ members)
- 10 Free monthly meetings per year
- Networking opportunities
- Low cost seminars and conferences
- Publications
 - ⇒ Monthly newsletter
 - ⇒ Quarterly award winning magazine
 - ⇒ Award winning web site
- Reduced member rate for full-time students (£32)
- Other UK Chapters (Birmingham, Manchester, Edinburgh)



Further Information

www.isaca.org

www.isaca-london.org



Questions?

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