Anwar Haque in 5 Mins…

❑ About Me

❑ About my Courses

❑ About my Research, Research Team, and Research collaboration

❑ About my role as an Industry Expert in Residence (IER) @Faculty of Science

❑ Q&A

About my Courses

CS 3357: Computer Networks I

- The Application Layer
- The Transport Layer
- The Network Layer
- The Link Layer
- Wireless and Mobile Networks
- Multimedia Networking
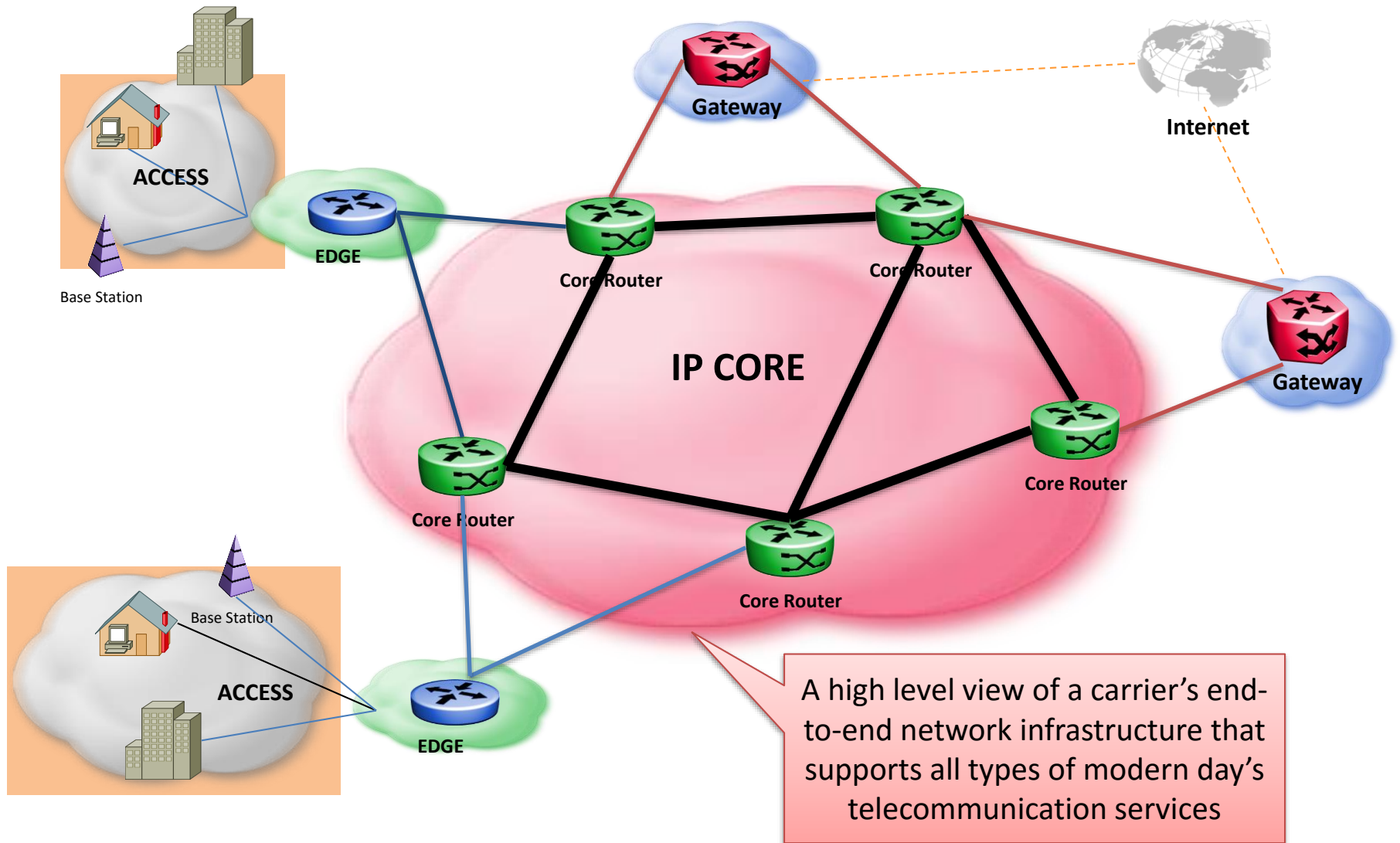- Security
- Network Management

CS 3305: Operating Systems

- Basic operating system structure
- Process synchronization
- Inter-process communication
- Process scheduling
- Memory management
- Virtual memory
- Device management
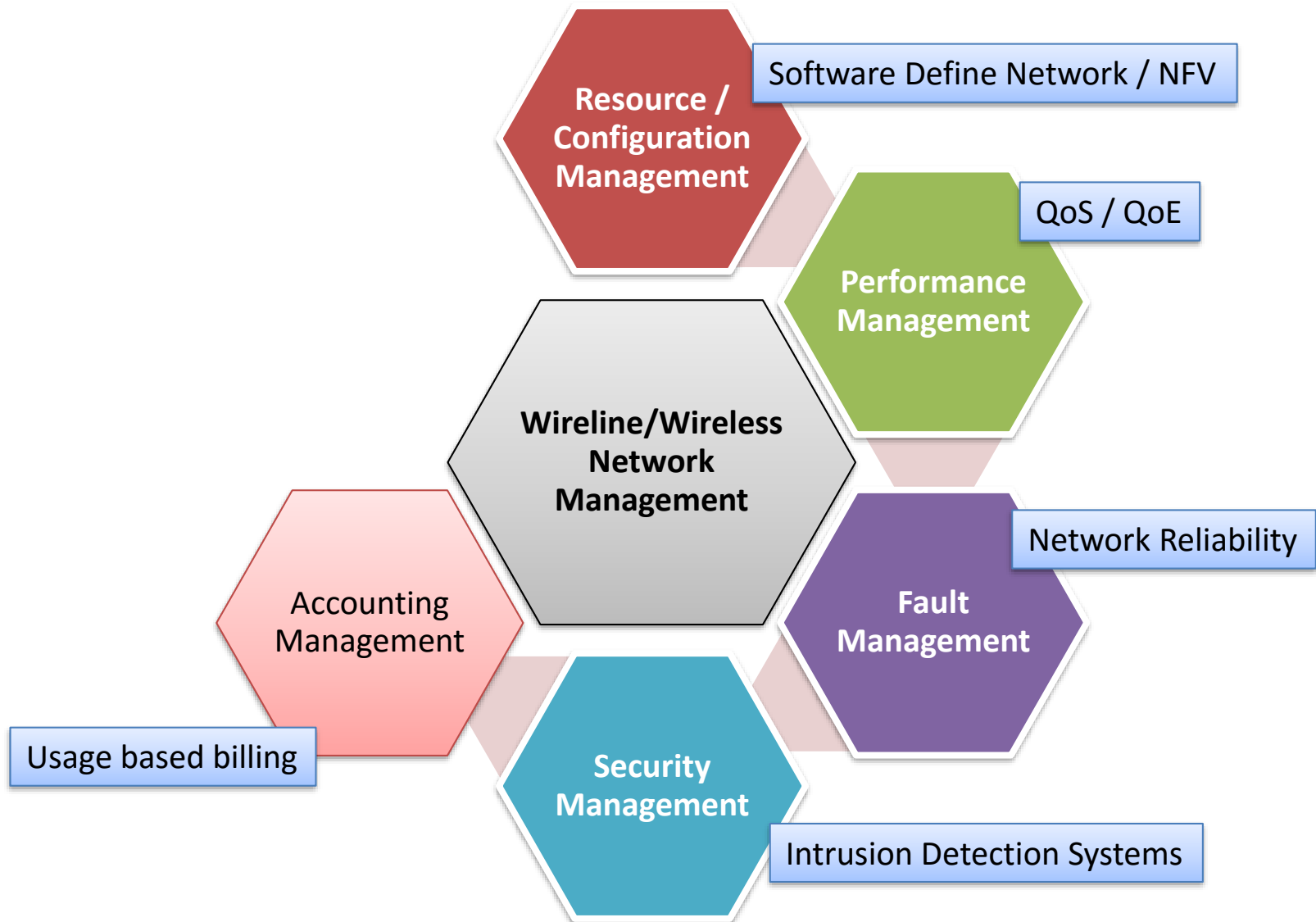- I/O, file systems
- Virtualization

CS 4457 / 9657: Computer Networks II

- Network Resource/Config Management
- Network Performance Management
- Network Fault Management
- Network Security Management
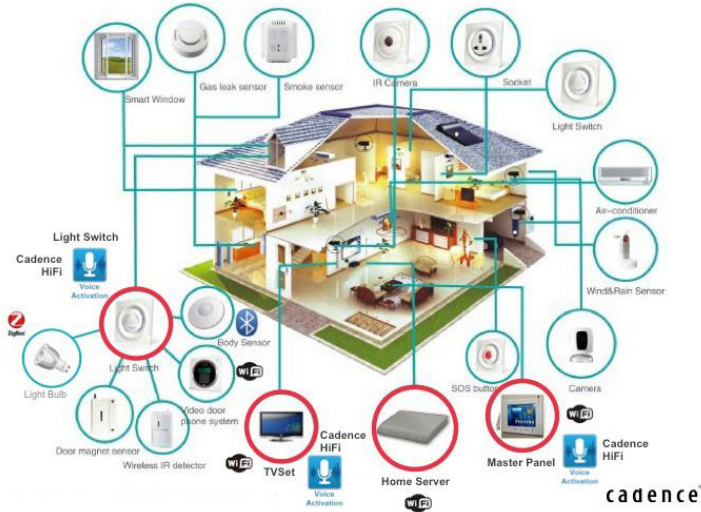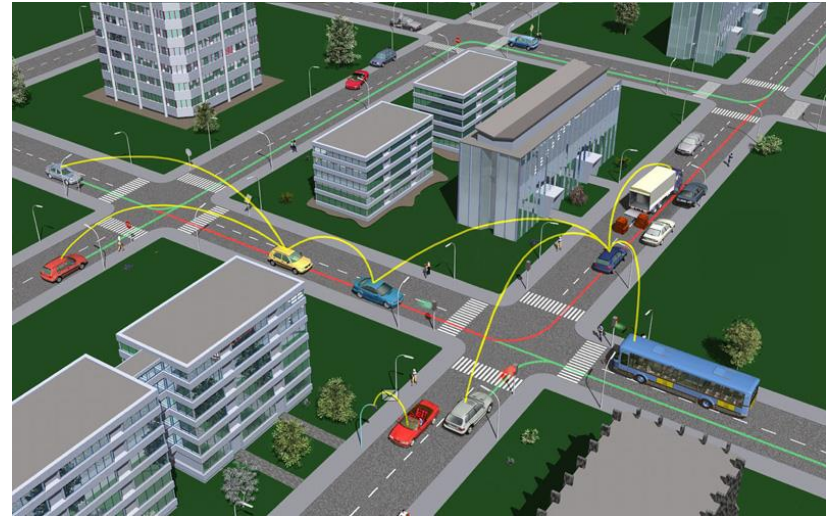- Network Accounting Management

About my Research

A high level view of a carrier's end-to-end network infrastructure that supports all types of modern day's telecommunication services

About my Research

Resource / Configuration Management

Software Define Network / NFV

Performance Management

QoS / QoE

Wireline/Wireless Network Management

Network Reliability

Accounting Management

Fault Management

Usage based billing

Security Management

Intrusion Detection Systems

About my Research

Smart Home – Different levels of Portals

Image sources:
http://www.hitachi.com
http://www.automotiveworld.com/

Western Science   Dept. of Computer Science

http://www.hitachi.com
http://www.automotiveworld.com/

About my Research Team

HIRING

- Masters Students
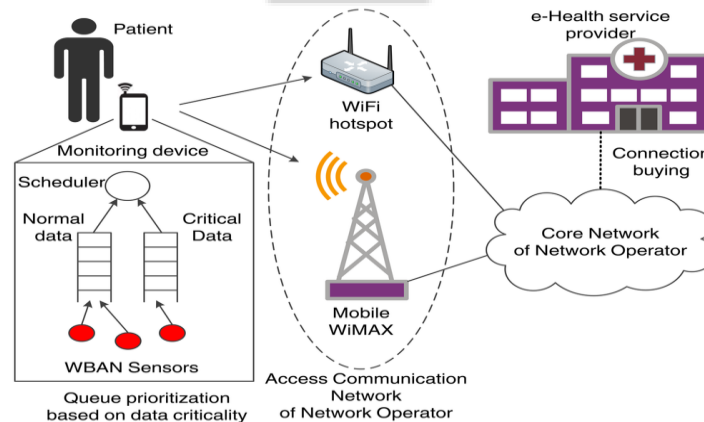- Ph.D. Students (co-supervision)
- Post Doctoral Fellow (PDF)
- Research Associates

About my Research Collaborators (Academia)

About my Industry Collaborators / Project Partners

About Industry Expert in Residence (IER)

Sustainability and the Environment	The Science of Information	Materials and Biomaterials
• Adaptation and Resilience • Extreme Environments • Natural Hazards • Sustainable exploration	• Financial Management and Risk modelling • Cyber Physical Infrastructure and Analytics • Environmetrics • High Performance Computing • Health Informatics and Operational Research	• Materials for Health • Materials for Sustainable Energies • Innovative Functional Materials • Earth and Astromaterials

IER

RESEARCH
- Number of Research Chairs, Industry Funding
- Partnership, Start-up Ventures by Faculty, Media Highlights

GRADUATE
- Industry Sponsored Scholarships, Industry Intern Programs
- Industry mentor, Industry Events

UNDERGRADUATE
- Industry Sponsored Scholarships, Industry Intern Programs
- Industry mentor, Industry Events

image source: http://www.southeastbusiness.com/

Dept. of Computer Science