Emerging Network Processor Solutions

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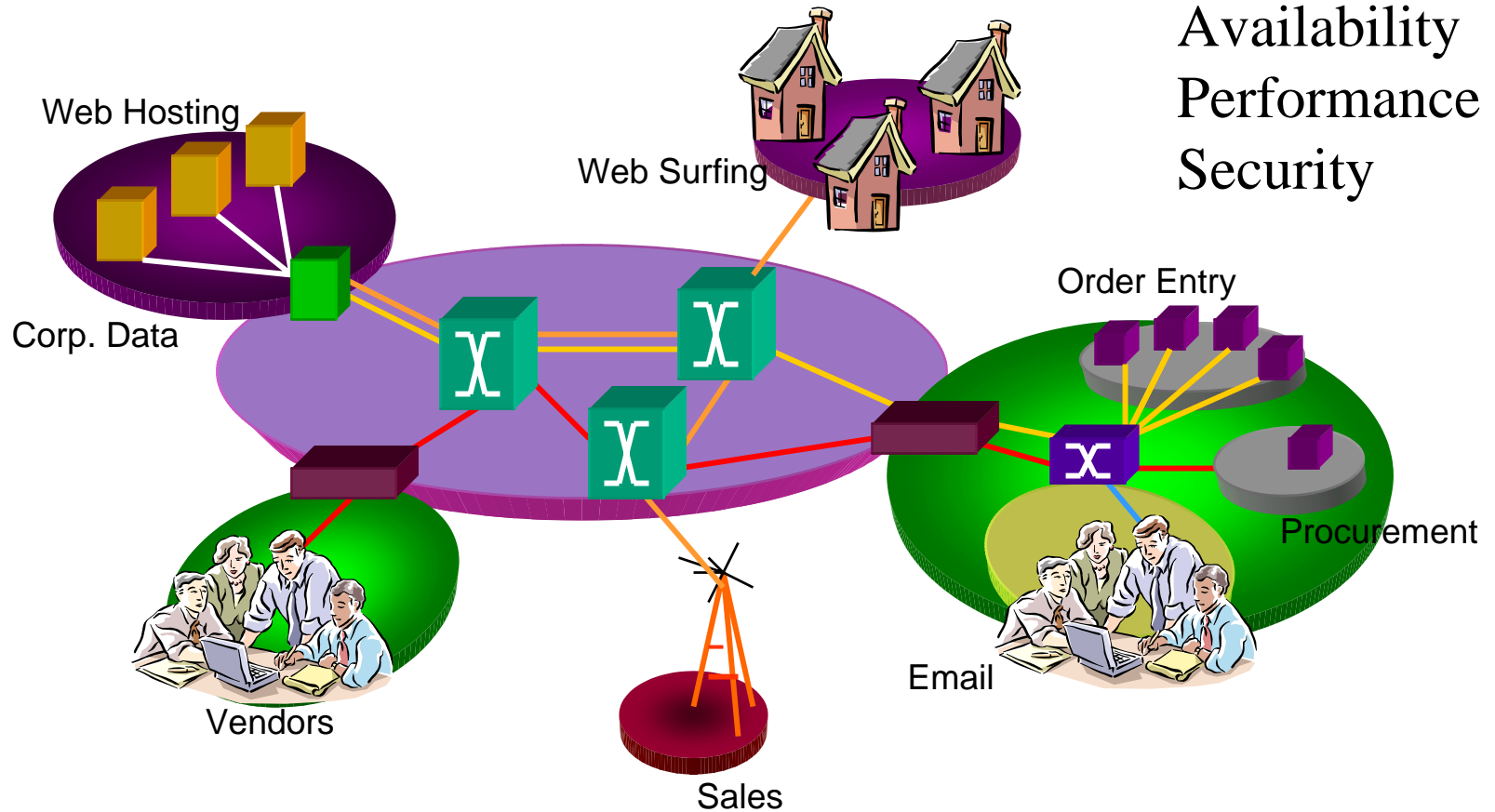### Technology Evangelist, Manager

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Customer's Environment

Requirements:
Availability
Performance
Security

Web Hosting
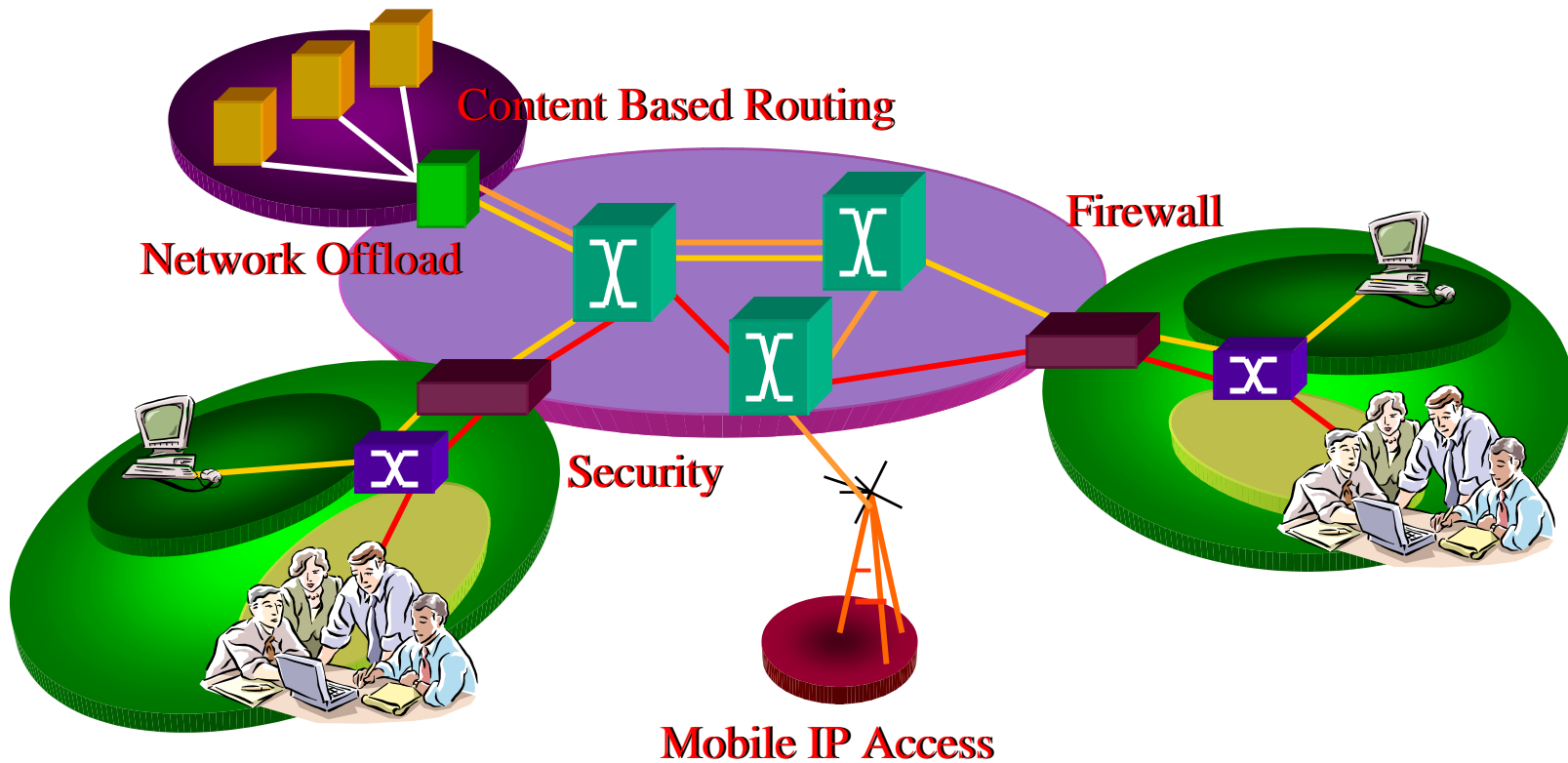
Web Surfing

Corp. Data

Order Entry

Procurement

Vendors

Email

Sales

Answer:
Traffic Management

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Traffic Management

Applications are moving into the network
Optimize resources investment through greater traffic management

Content Based Routing

Network Offload

Firewall

Security

Mobile IP Access

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What's Different?   Expectations

Network Offload
>> Connection speed
>> Connection management
>> Connection duration
>> Or translation to ISCSI or Fiber Channel

Content Based Routing
>> Decisions based upon payload content
>> Packet redirect - local caching
>> Availability

Mobile IP Access
>> Policies applied based upon traffic types and service level agreements

Security Acceleration
>> Secure connections
>> Performance

Firewall
>> Intrusion detection
>> Virus protection
>> Denial of service protection

Solution:
Where traffic management occurs
Impose broad range of management policies

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Value Found in - Traffic Management

- The emerging NP solutions are addressing customer expectations through management
  - Valued Services
    - Greater policy management
    - Differentiation
  - Reduced Costs
    - optimize resource utilization
    - increase return on investment
  - Performance
    - dedicated hardware configured to application needs

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