JAWS Adaptive Web Server

A High-performance Web Server Framework

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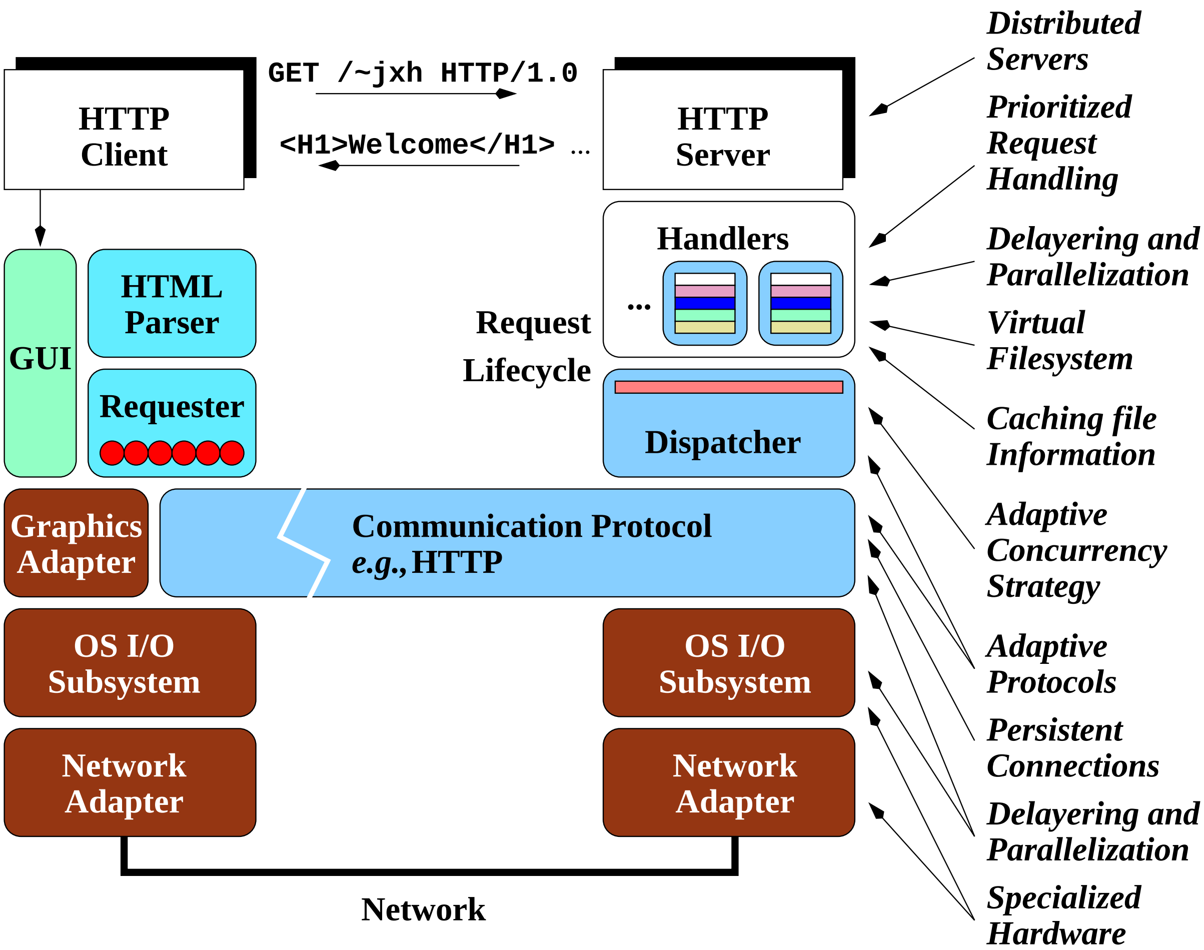
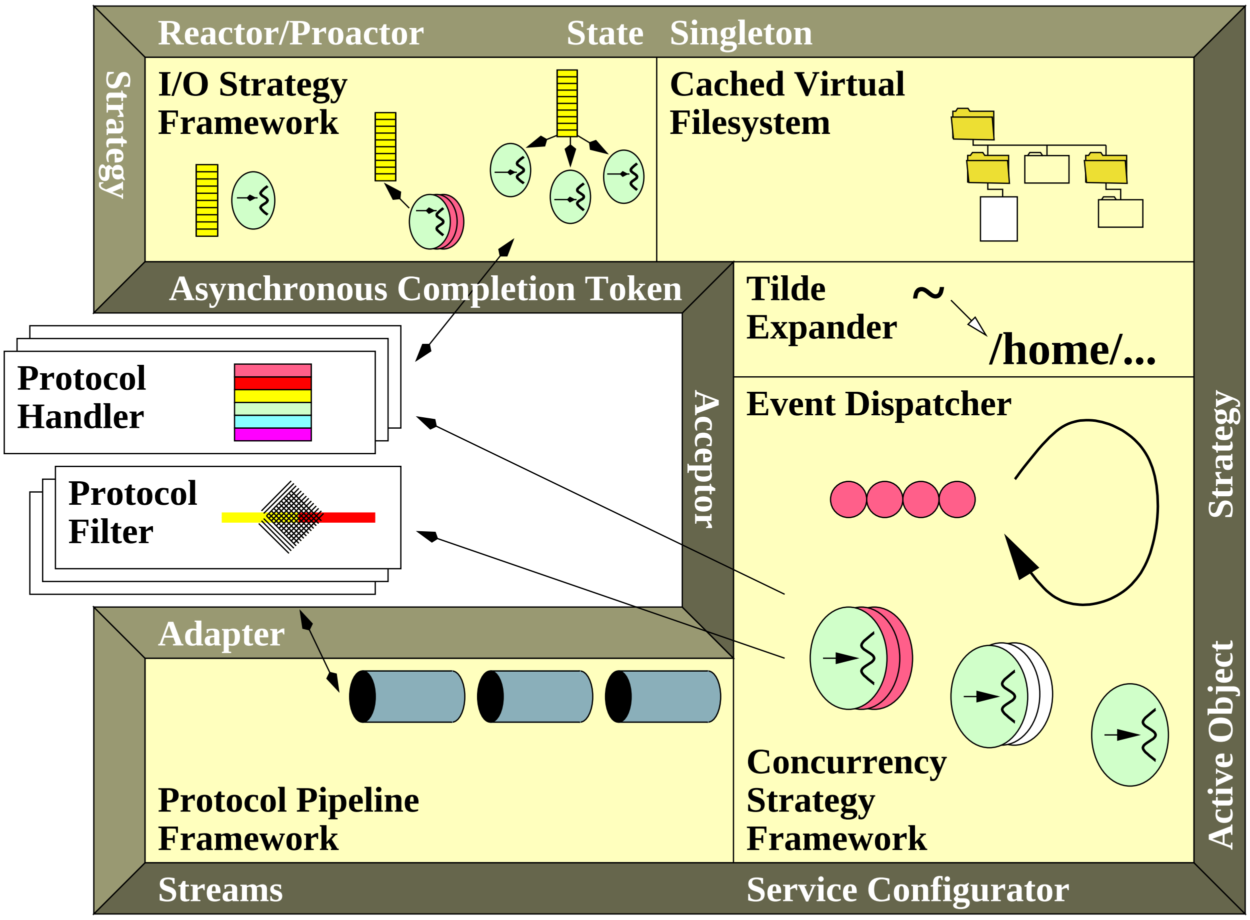
Overview



- Improve Web server performance
  - *Web server traffic is growing*
  - *Web server roles are growing*
- Many targets for improving performance

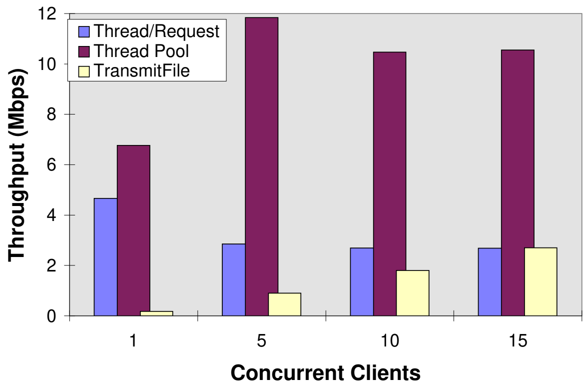
JAWS Framework

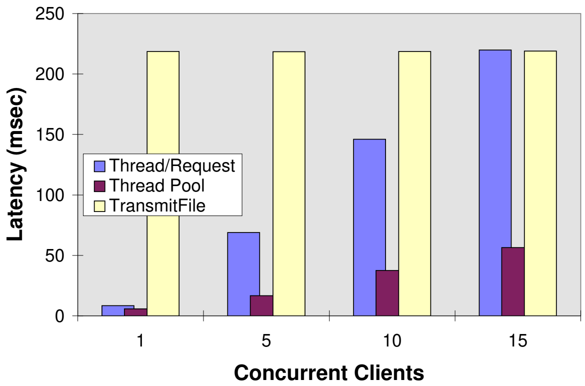


- Provides a blueprint of domain-specific objects
- Manages flow of control within an application
- Achieves flexibility and adaptibility
- Provides portability

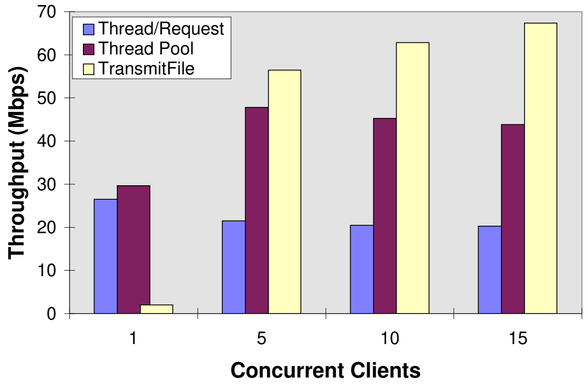
Performance Variances in JAWS-NT

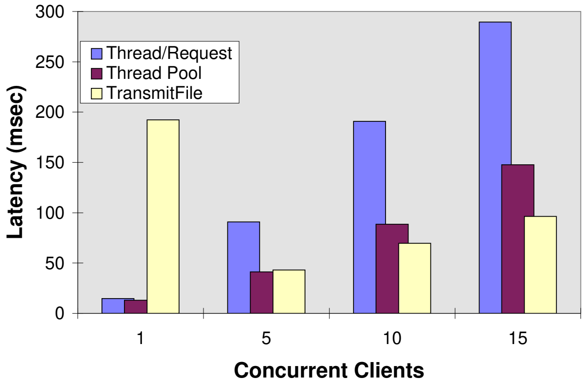
- WebSTONE v2 Results from 5K File





- WebSTONE v2 Results from 50K File





Performance Variances in JAWS-NT

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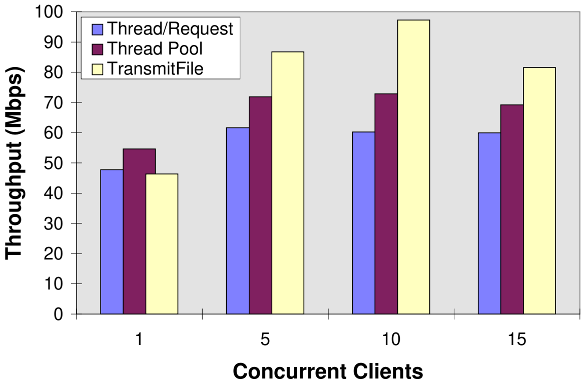
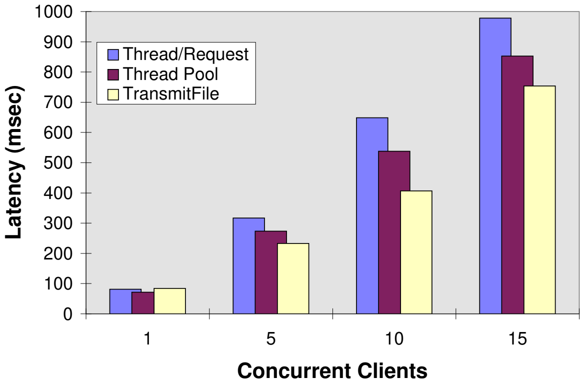
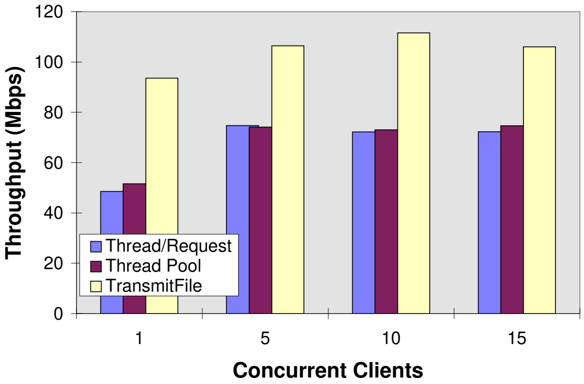
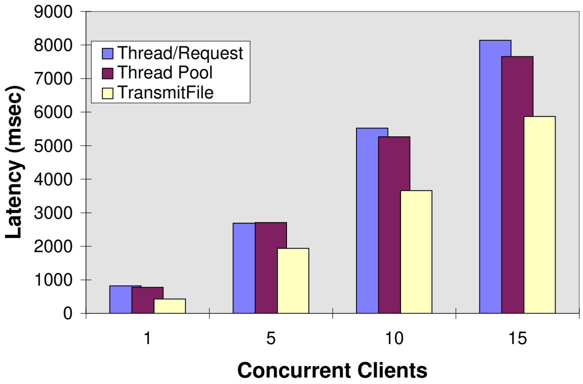




- WebSTONE v2 Results from 5M File





JAWS-NT *vs.* Microsoft IIS

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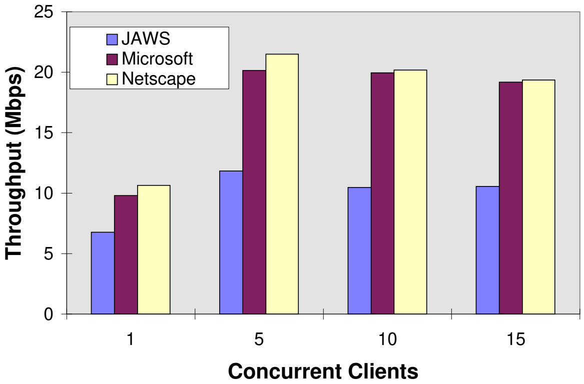

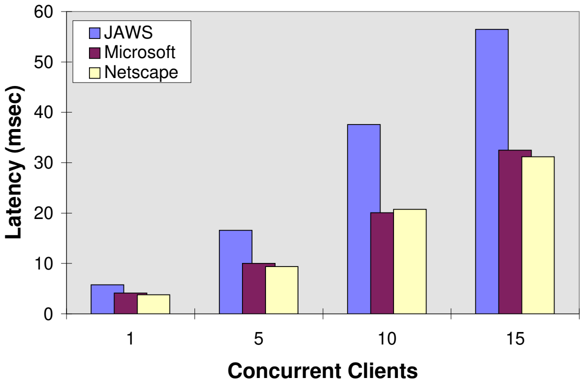

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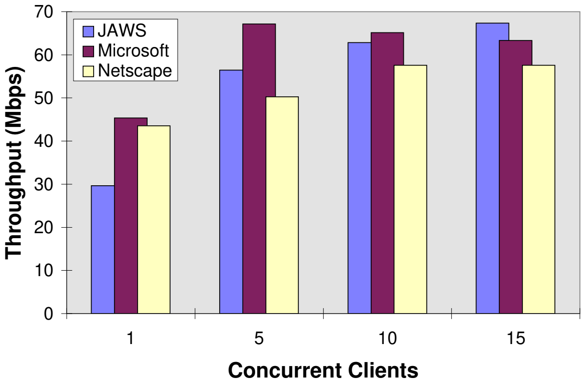

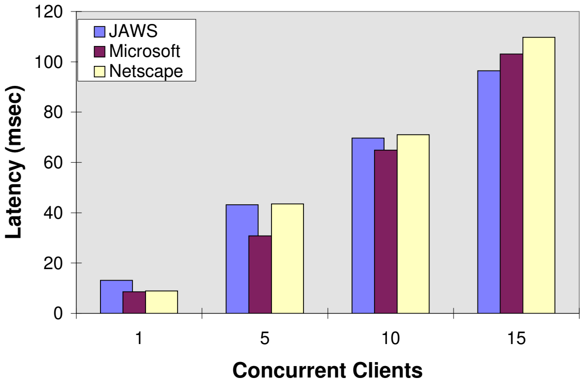

JAWS-NT *vs.* Microsoft IIS

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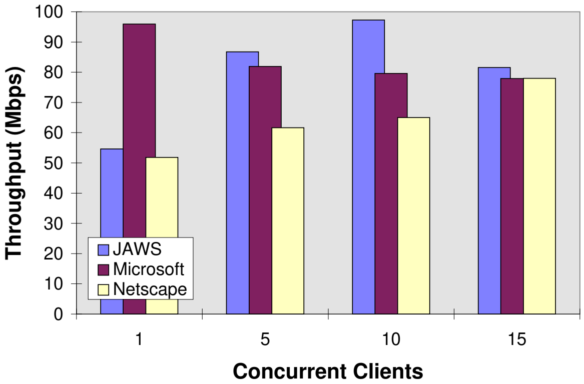

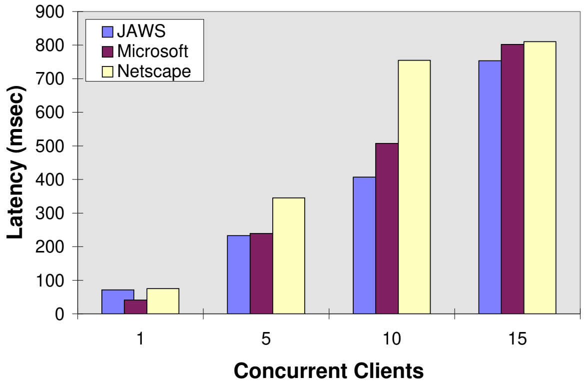

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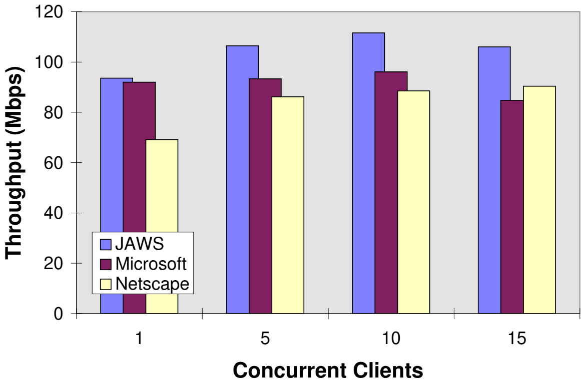
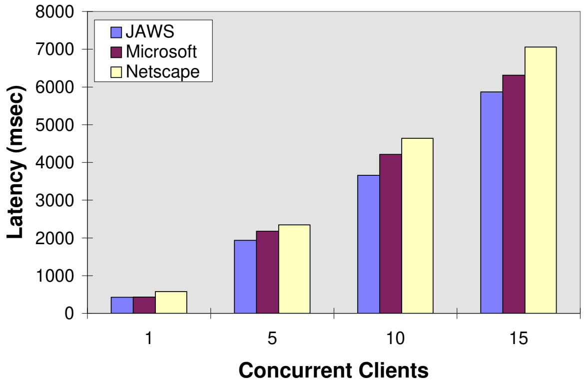
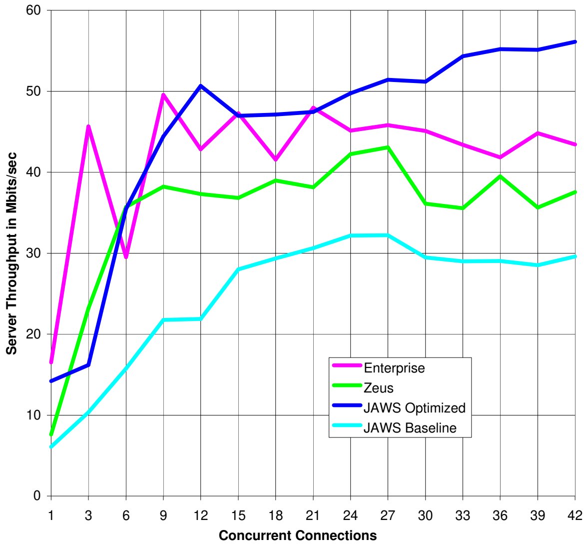
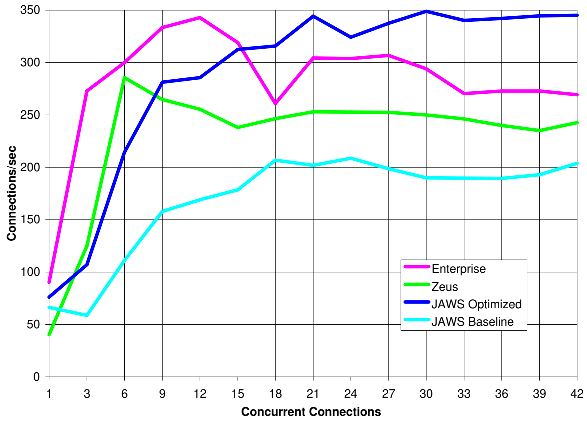




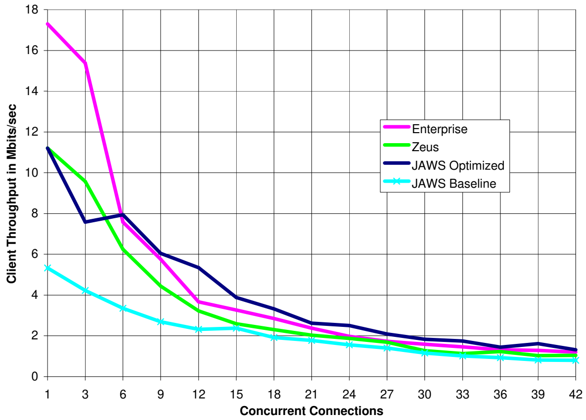
JAWS Performance on Solaris

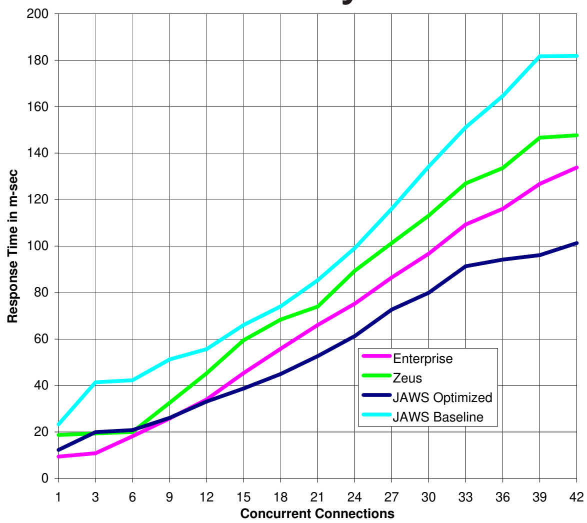
- Average Server Throughput and Latency



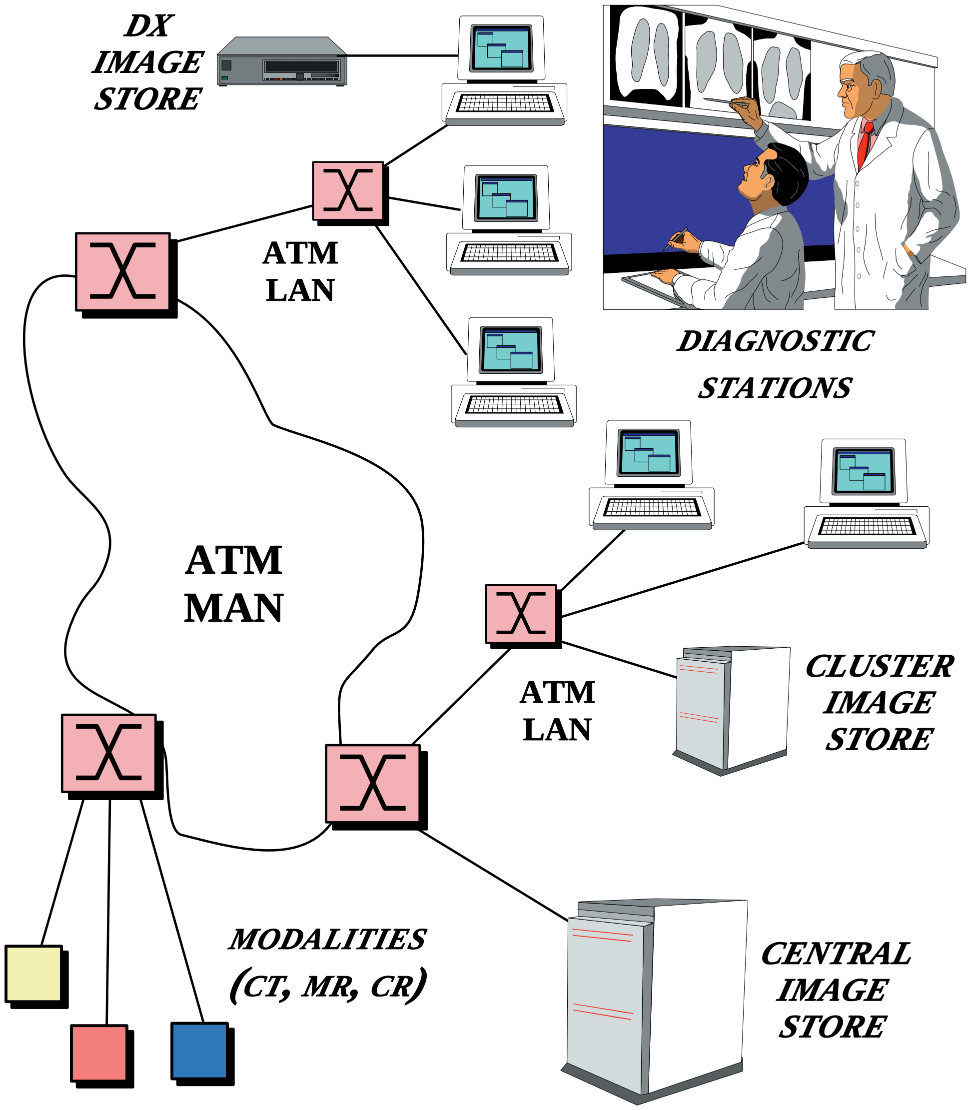


- Average Client Throughput and Latency





Electronic Medical Imaging Systems



- Visualize and process medical images
- Access medical images and patient data remotely
- Be efficient, reliable, flexible, and scalable