FASTER, BETTER & Smarter

Network
Accelerated

Customer

Selangor State Government

Project

Web & Network Access

Business
Selangor is Malaysia's most populous state, with the nation's biggest conurbation, the Klang Valley. With more than 1000 employee located at the Bangunan Sultan Salahuddin Abdul Aziz Shah.

Problem
The State IT department was facing a challenge due to the demand from the users in the Selangor State.

➢ Faster access to other value-information such as News, update within the State Government, other States and etc.
➢ To limit unwanted traffic .
➢ Pages with error 404.
➢ Bandwidth utilization always 100%.
➢ Users complain about slow Internet access.
➢ Pages always time up.

Solution
Using Arahe's NetCelerate with its automatic advanced graphics optimisation engine, cache engine, pre-load technology, improving the user experience within the organization.

The State government is extremely satisfy with the performance. Within 2 months The State Government issue a "sebut harga" to purchase another to improve the performance for their web traffic.

Result
➢ Bandwidth utilization drop to 75%.
➢ Pre-load technology helps to reduce the out-going traffic.
➢ User satisfaction on the fast loading time.

ARAHE SOLUTIONS SDN BHD
Suite B-09-01, Plaza Mont Kiara,
2 Jalan Kiara, Mont Kiara,
50480 Kuala Lumpur, Malaysia.

Tel: +603 6201 8315
Fax: +603 6201 8325
Email : info@arahe.com
Website : www.arahe.com

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web applications
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Business

AsiaEP Bhd, a listed company, develops and operate Asia's leading electronic MarketPlace and has a buying business community from over 203 countries with a total buying value of over US$130 billion. More than 3,500 companies world-wide has their website hosted and listed by AsiaEP.

Problem

As AsiaEP has no control over the content uploaded by their hosted customers, many of their hosted pages consist of many large images which meant that pages became bloated and slow to download. This problem was more severe for users in North America and Greater China where the majority of the buying community was located.

Solution

Arahe's SiteCelerate, with its automatic advanced graphics optimisation engine, was able to automatically optimise all images and text of the hosted websites and hence, improving the eMarketPlace experience for its users.

Result

AsiaEP was also able to leverage SiteCelerate as a competitive selling advantage to its hosted customers who are happy with the performance of their websites.
  - ➢ Performance improved.
  - ➢ Speed increases of 30% to 1,000%.
  - ➢ Average bandwidth usage decreased by 75%.

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asiaEP Bhd

Customer

AsiaEP Bhd

Project

Electronic MarketPlace

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Bursa Malaysia Berhad

Project

Bursa Malaysia Website

Business

Bursa Malaysia Berhad is an exchange holding company, listed on the Main Board of Bursa Malaysia Securities. Bursa Malaysia Berhad operate a fully integrated exchange, offering the complete range of exchange-related services, including trading, clearing, settlement and depository services. Bursa Malaysia also provide information services related to the Malaysian securities market.

Established in 1973, Bursa Malaysia today has over 1,000 listed companies offering a wide range of investment choices to the world. Companies are either listed on Bursa Malaysia Securities Main Board for larger capitalised companies, the Second Board for medium sized companies or the MESDAQ Market for high growth and technology companies. Bursa Malaysia also have an offshore market.

Problem

Bursa Malaysia Website facing a challenge due to:
- Increase of number of user access to their website.
- beginning of year 2007, the KLSE composite index was over 1200 the number of hits increase tremendously.
- High Bandwidth utilization.
- Pages can't be displayed when traffic is high.

Solution

Multiple vendors have been called by Bursa Malaysia to conduct the POC. Within a day, Arahe web accelerator, SiteCelerate, as help the Bursa Malaysia to accelerate and optimise all the text and images on their website. Hence, improve the overall performance of the severs.

Result

- Fast access to pages .
- Fast access to company information (integrated with back-end system) increase the performance of the web servers.
- Off-load the back-end servers.
- User will be able to access the website when is peak, with a slow connection (GPRS/EDGE).

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Customer

DiGi Telecommunication Bhd

Project

Enterprise Portal

Business

DiGi is a leading mobile communications company providing a comprehensive range of affordable, convenient and easy to use wireless services to simplify and enrich the lives of its customers. DiGi has established presence as a leader in voice and data prepaid services with a number of firsts that have set industry benchmarks for creativity and innovation. DiGi delivers high quality voice as well as value-added mobile content and data services to both individual and corporate customers.

They create value for their customers by selecting the most appropriate cutting edge technology so that they benefit from products and services that give them choice, convenience and control.

Problem

DiGi staffs are facing problem accessing to their internal portal which hosted at HQ in Europe which having limited bandwidth between HQ and regional office. Arahe Solutions was called in to solve the problem.

➢ Slow Enterprise Portal at DiGi impacting investment in Enterprise Portal
➢ All DiGi branches throughout Malaysia including remote customer service centres are facing problems
➢ Pages cannot be displayed when traffic is high during peak hour

Solution

Using our SiteCelerate Web Acceleration System and expert tuning by our consultants, we were able to solve the performance issues and enhance the business users experience.

Result

➢ Average speed drops from 40 secs to 1-2secs
➢ Saved bandwidth on WAN and VPN connections to allow other critical applications to run
➢ Eliminated complaints on poor performance
➢ Live since Dec 2005

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