

## future

A typical client server arrangement is referred to a two-tiered system, where the client includes the presentation and application components, while the server is the web server and/or database (RDBMS).

The **Laws Consolidated Legislative Web Publishing System** uses a three-tier approach, where the presentation (client), application (web server and PHP application logic) and database (MySQL) layers are all separate stand-alone units.

The main advantages over the two tiered approach include flexibility and platform or operating system independence, with the client being a standard web browser. The stand-alone units allow the system to be easily integrated into any existing work-flow system.

Laws Consolidated is already developing enhancements that exploit the flexibility of the system. This includes a document management system that will allow the legislative work-flow – from concept to completion – to be controlled throughout every phase of production.

# Our services at a glance

- ▶ Assist governments to manage and maintain their old and new laws
- ▶ Revise and consolidate laws
- ▶ Assist with law reform
- ▶ Publish laws in books and on the internet
- ▶ Provide complete legislative publishing work-flow systems
  - Document design
  - Automated document creation
  - Document management
  - Automated output for print and internet
  - Document maintenance
  - Computer systems set-up and networking



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# legislative web publishing

- ▶ Dynamic database-driven web site for legislation
- ▶ Point-in-time presentation of legislative information
- ▶ Presentation and content managed with no HTML experience
- ▶ Can be hosted on all computers platforms and operating systems
- ▶ Developed using Open Source technology
- ▶ Data can be presented in a range of output formats



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# imagine...

- being able to deliver your legislation to the internet without specialised assistance.
- a web site that can be totally integrated into your existing work-flow, is up-to-date and extremely flexible.
- providing visitors to your web site with a rich browsing experience and the ability to view the legislation by; name, category, year, recent changes and for a particular point-in-time.
- being able to find information on your site quickly and efficiently using a sophisticated search engine.

If you can use a computer ... you can configure, update and maintain your own legislative web publishing site to achieve all this and more with the **Laws Consolidated Legislative Web Publishing System**.

All administration is achieved using a standard web browser and via a completely secure mode that is protected by five levels of security.

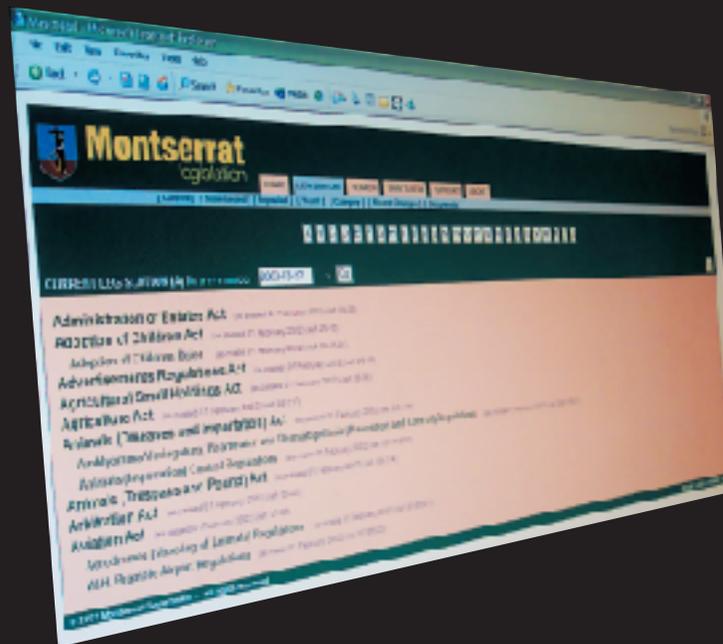
## legislative web publishing system

The web site is built on the extremely powerful and flexible Open Source technology.

The main advantage of using Open Source is the Web server, application logic, and database are all free. But *free* does not mean *inferior*.

The Apache Web server is used by 60% of web servers<sup>(1)</sup> on the internet, PHP is a strong, mature and superior server-side programming language based on plain text, and the MySQL database is the fastest and most stable database in its class.

Together they produce a system that is superior to commercial products built using proprietary components. Reliability, security, performance, inter-operability, scalability, and of course, price<sup>(2)</sup> are better using Open Source technology.



## site management

Setting-up and updating the web server is as simple as filling out fields on a web page, locating a file on a local server, and uploading the data and file to the web site with one click.

The new data is instantly available as all the pages on the web site are built dynamically from the database. No experience with HTML or XML is necessary to manage the site.

All presentation elements for the web site are also stored in the database, so changes to colour, graphics, navigation elements and support pages can be controlled by your web site administrator.

Add extra administrators, and the web site content can even be a collaborative effort from a number of geographically separate locations.

Assistance in interpreting and using the data presented on the web site is provided on every web page.



(1) O'Reilly, Tim, Linux eSeminar Series, 1999. For more information on Apache, refer to the Apache Software Foundation at <http://www.apache.org/>

(2) Source: US Linux user ratings by server OS from Michelle Bailey, Vernon Turner, Jean Bozman, and Janet Waxman, Linux Servers: What's the Hype, and What's the Reality, IDC, March 2000.