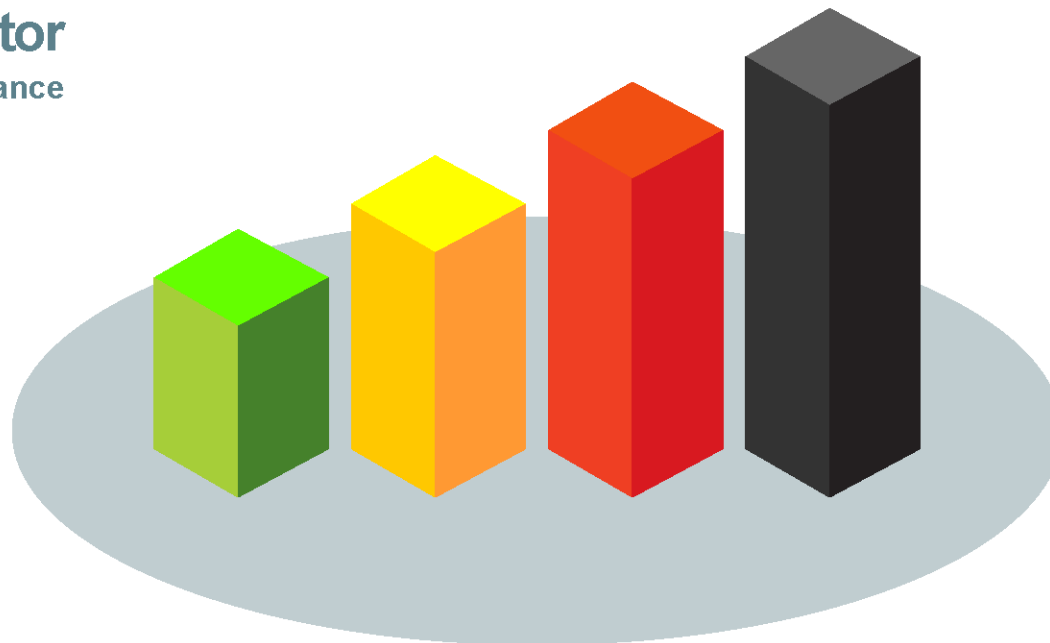


## Server Load Monitor

Track your server performance



Special Product For



Developed by AITOC, Inc.  
[www.aitoc.com](http://www.aitoc.com)

# *server load* **MONITOR**

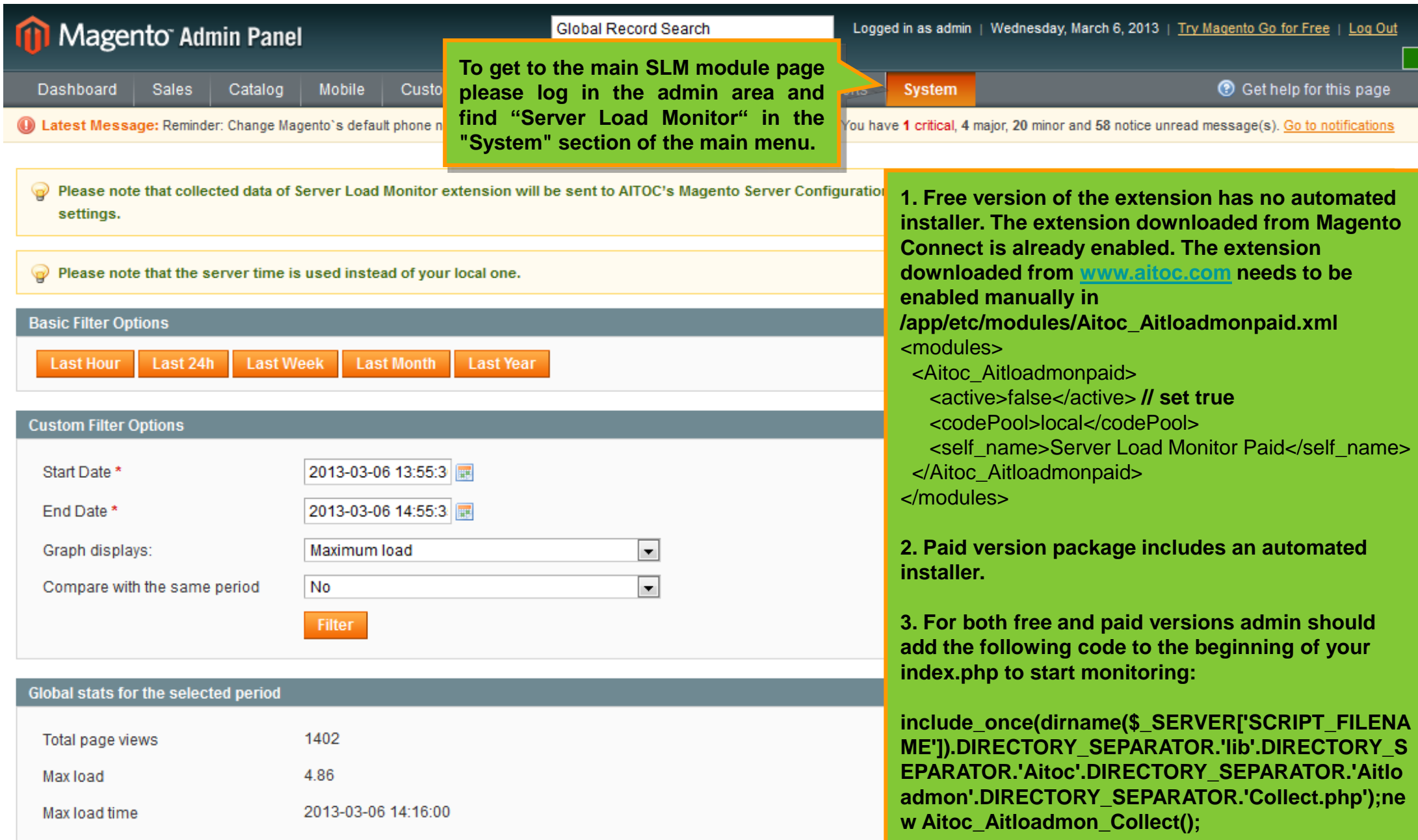


# user manual

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# 1. Server Load Monitor Configuration



The screenshot shows the Magento Admin Panel interface. At the top, there's a navigation bar with the Magento logo, 'Admin Panel' text, a 'Global Record Search' input field, and user information: 'Logged in as admin | Wednesday, March 6, 2013 | Try Magento Go for Free | Log Out'. Below this is a main menu with 'Dashboard', 'Sales', 'Catalog', 'Mobile', and 'Custom' tabs. The 'System' tab is highlighted. A green callout box points to the 'System' tab with the text: 'To get to the main SLM module page please log in the admin area and find "Server Load Monitor" in the "System" section of the main menu.' Below the menu, there's a 'Latest Message' section with a reminder to change the default phone number. Two informational messages follow: one about data being sent to AITOC's configuration and another about server time. The 'Basic Filter Options' section includes buttons for 'Last Hour', 'Last 24h', 'Last Week', 'Last Month', and 'Last Year'. The 'Custom Filter Options' section has input fields for 'Start Date' (2013-03-06 13:55:3) and 'End Date' (2013-03-06 14:55:3), a dropdown for 'Graph displays' (Maximum load), and a dropdown for 'Compare with the same period' (No). A 'Filter' button is at the bottom. The 'Global stats for the selected period' section shows a table with three rows: 'Total page views' (1402), 'Max load' (4.86), and 'Max load time' (2013-03-06 14:16:00).

To get to the main SLM module page please log in the admin area and find "Server Load Monitor" in the "System" section of the main menu.

1. Free version of the extension has no automated installer. The extension downloaded from Magento Connect is already enabled. The extension downloaded from [www.aitoc.com](http://www.aitoc.com) needs to be enabled manually in `/app/etc/modules/Aitoc_Aitloadmonpaid.xml`

```
<modules>
  <Aitoc_Aitloadmonpaid>
    <active>>false</active> // set true
    <codePool>local</codePool>
    <self_name>Server Load Monitor Paid</self_name>
  </Aitoc_Aitloadmonpaid>
</modules>
```
2. Paid version package includes an automated installer.
3. For both free and paid versions admin should add the following code to the beginning of your `index.php` to start monitoring:

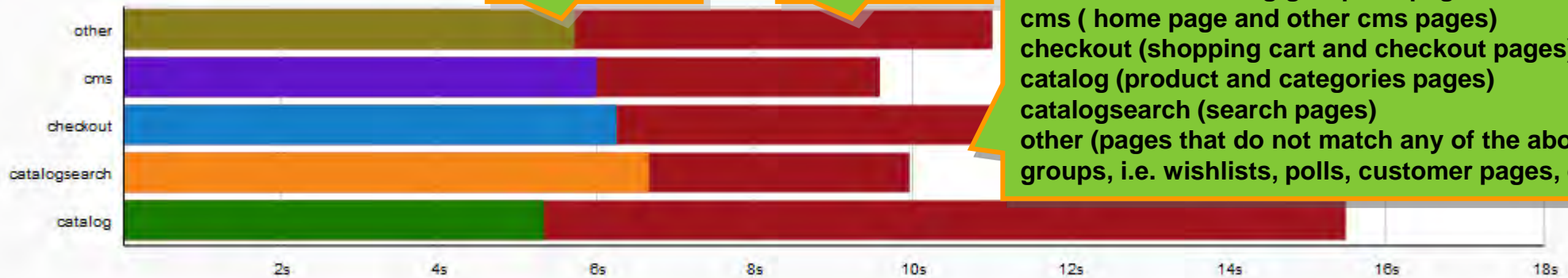
```
include_once(dirname($_SERVER['SCRIPT_FILENAME']).DIRECTORY_SEPARATOR.'lib'.DIRECTORY_SEPARATOR.'Aitoc'.DIRECTORY_SEPARATOR.'Aitloadmon'.DIRECTORY_SEPARATOR.'Collect.php');new Aitoc_Aitloadmon_Collect();
```

## 2. Server Load Monitor Diagrams

Avg Load / Max Load for the selected period by groups

Average load

Maximum load



Admin can monitor the average load and maximum load for the following groups of pages:  
cms ( home page and other cms pages)  
checkout (shopping cart and checkout pages)  
catalog (product and categories pages)  
catalogsearch (search pages)  
other (pages that do not match any of the above page groups, i.e. wishlists, polls, customer pages, etc.)

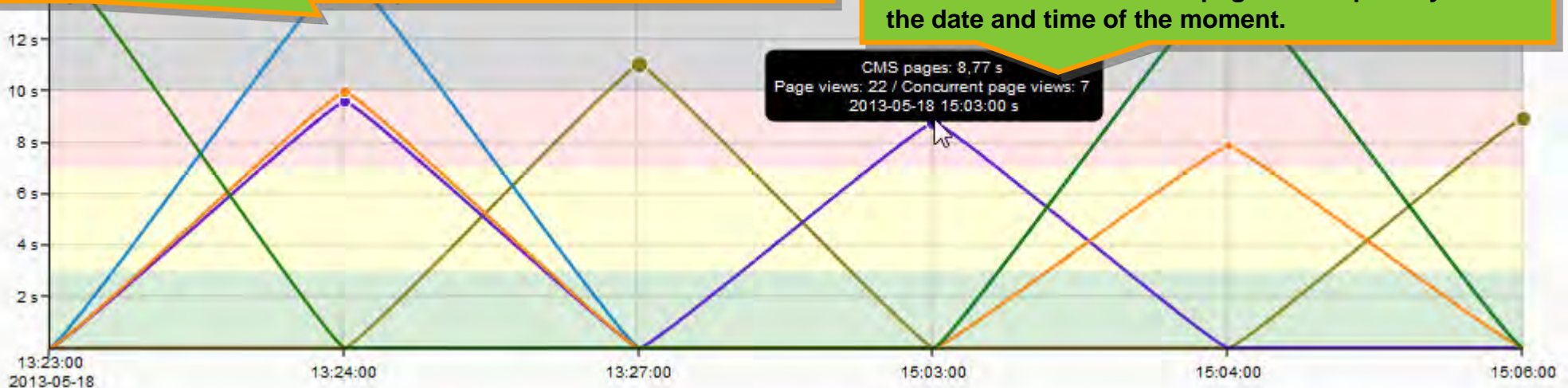
MAXIMUM LOAD for the selected period by groups and time

Show graphs for: ☒ Other ☒ Cms ☒ Checkout ☒ Catalogsearch ☒ Catalog

Check the boxes against the group of pages you want to see at the diagram.


The detailed diagram shows the load for every selected group of pages at the every moment for the selected time interval. For example you could see the peak server load moments within a 24 hours period and compare them with your traffic peaks.


Mouseover to see the detailed info: speed, total page views and the concurrent page views quantity with the date and time of the moment.





## 2. Server Load Monitor Diagrams


### Custom Filter Options

Start Date \*  

End Date \*  

Graph displays:  

Compare with the same period  

From Date  

Admin is allowed for tracking Average and Max page load and load time for a selected time period

Server Load Monitor extension allows for comparing statistics for different time periods.

### Global stats for the selected period

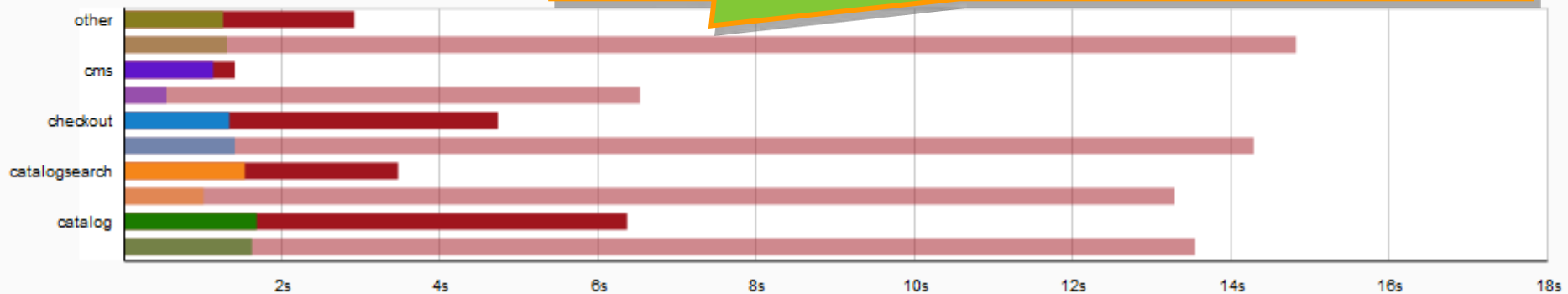
Total page views 1014

Max load 6.36

Max load time 2013-03-21 09:05:00

Click "Filter" button once you have chosen the time intervals to compare and get a comparison result with two diagram lines for every group of pages: CMS, Checkout, Catalog, Catalog Search and other pages.

### Avg Load / Max Load for the selected period by groups



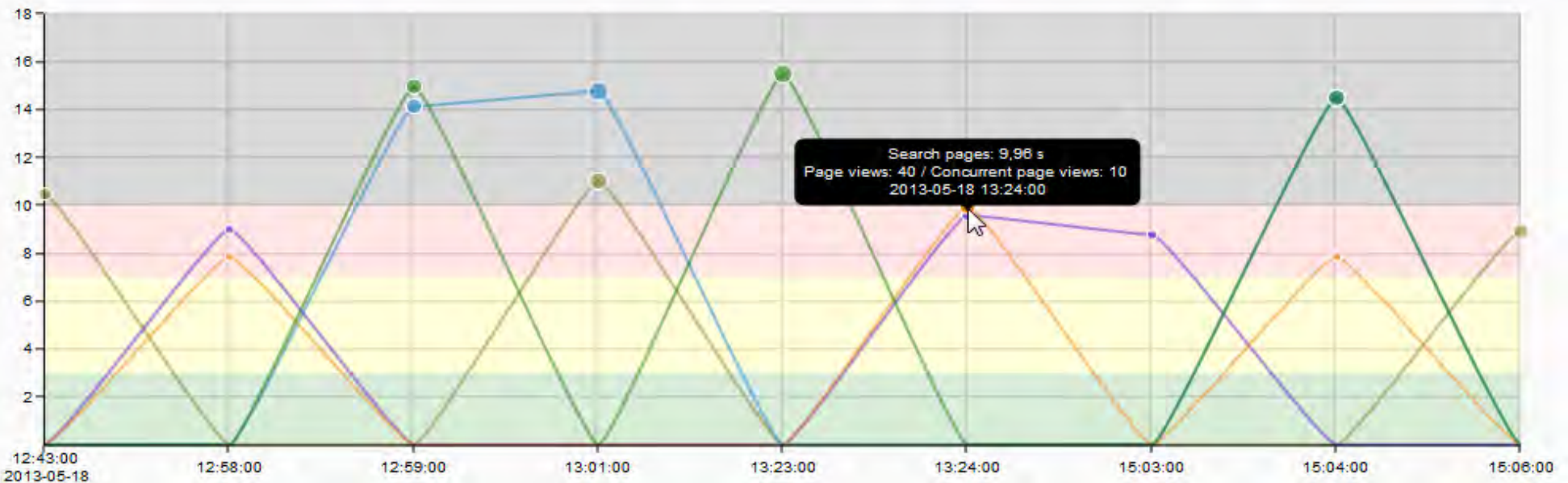
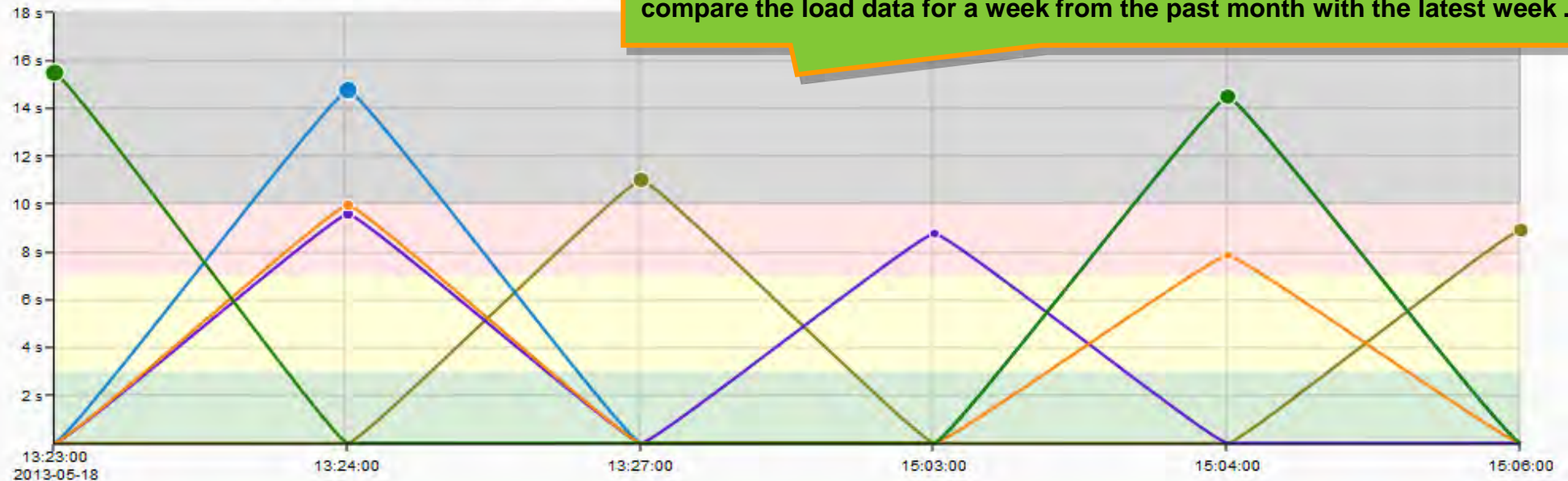


## 2. Server Load Monitor Diagrams

MAXIMUM LOAD for the selected period by groups and time

Show graphs for: ☒ Other ☒ Cms ☒ Checkout ☒ Catalog

The detailed comparison diagrams show the detailed load data for every selected group of pages for the selected time intervals. For example you could compare the load data for a week from the past month with the latest week .



### 3. Server Load Monitor Settings

Magento Admin Panel

Global Record Search

Logged in as

Dashboard

Sales

Catalog

Mobile

Customers

Promotions

Newsletter

CMS

Reports

System

Latest Message: Reminder: Change Magento's default phone numbers and

One or more of the Indexes are not up to date: Catalog URL Rewrites, t

Current Configuration Scope:  
Default Config

Manage Stores

Configuration

GENERAL

General

Web

Design

Currency Setup

Store Email Addresses

Contacts

Reports

Content Management

ADVANCED

Admin

System

Advanced

Developer

System

Server Load Monitor

Email address for the notifications

Second Email address for the notifications

Email Sender

Email Template

Show message in admin if the performance gets into ... zone

Notify by email if the performance gets into ... zone

Enable sending info to Magento Server Configuration Calculator

Yellow load level after

Red load level after

Black load level after

Manage data compression

Exclude urls from monitoring

The load level has changed to yellow.

Click anywhere to continue.

General Contact

Admin Notification (Default Template from Loca

No level

No level

Yes

3

Yellow load level means average server load (sec); default value is 3 sec (Green load level will be if the response time will be less or equal 3 sec that means minor server load)

7

Red load level means peak server load (sec); default value is 7 sec

10

Black load level mea (sec); default value

Manage

/apparel.html

SLM divides server performance into four intuitive color-coded zones: Green – means minor server load, Yellow – means average server load, Red – means peak server load, Black – critical load or server failure.

Go to System / Configuration / Advanced / System / Server load Monitor to manage the extension settings.

Admin is allowed to set the values in seconds for the color-coded zones to start from.

SLM (Paid version only ) alerts admin about critical load peaks via mail and/or pop-up messages. Admin can specify the conditions upon which to get alert notifications to avoid clutter in the mailbox.

The collected data will be sent to AITOC's Server Calculator service in order to configure and recommend you better server settings.

Disabling sending data for Server Calculator stats, disabling the ads, and getting alerts about critical load peaks is only possible in the Paid version of the Server Load Monitor extension.

Some pages might always be slow while the rest of the site is functioning properly. Such pages might lead the SLM extension to act as if the whole site (or a group of pages) is in the critical load peak zone. If you are aware of such pages, please specify the URLs to exclude them from monitoring and thus adjust SLM sensitivity. Each URL on the new line, ex.: /example.html

### 3. Server Load Monitor Settings

Magento™ Admin Panel

Global Record Search

Logged in as admin | Wednesday, March 20, 2013 | [Try Magento Go for Free](#) | [Log Out](#)

Dashboard

Sales

Catalog

Mobile

Customers

Promotions

Newsletter

CMS

Reports

Latest Message: Reminder: Change Magento's d

One or more of the Indexes are not up to date

Go to System / Configuration / Advanced / System / Server load Monitor and click Manage data compression.

Look at the right upper corner of any page of the back-end to see the color-coded live server load info.

To open Server Load Monitor main page quickly just click on the color-coded square at any page in the admin panel.

Current Server Load:

[Go to notifications](#)

Required indexes.

System Configuration

Data stats (Server Load Monitor collects data from CMS, Checkout, Catalog, Catalogsearch and Other groups of pages every 1 minute.)

Total records

21

Total size in bytes

693

Automatic data compression (In order not to overload database Server Load Monitor compresses data automatically.)

Enable automatic data compression

Yes

Compress data of last day to

Hour

Compress data of last month to

Day

Compress data of last year to

Month

Save settings

Manual data compression (Default compression settings are optimized and recommended but Admin is enabled to choose preferred compression settings as well as compress the data manually.)

From date

2013-03-18 12:31:3

To date

2013-03-19 12:31:3

Compress data to

Hour

Compress data

Server Load Monitor collects data from CMS, Checkout, Catalog, Catalog Search and Other pages every single minute by cron. It stores 60\*5 values per hour, 24\*60\*5 per 24 hours. The statistics data is stored in a database.

SLM compresses data automatically to avoid overloading the database. Default compression settings are optimized and recommended, but admin is enabled to choose preferred compression settings as well as compress the data manually.

Server Load Monitor Manual | Developed by AITOC, Inc. [www.aitoc.com](http://www.aitoc.com) | [sales@aitoc.com](mailto:sales@aitoc.com) |

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