Server Load Monitor

Track your server performance

server load MONITOR
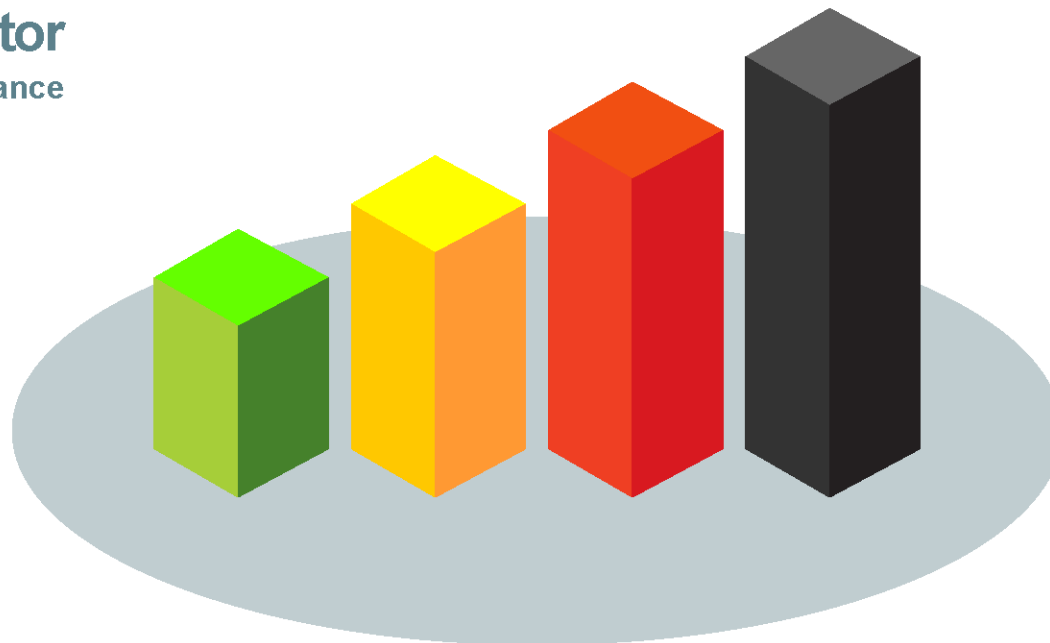
Special Product For

Magento™

Developed by AITOC, Inc.
www.aitoc.com

aitoc™ hand made
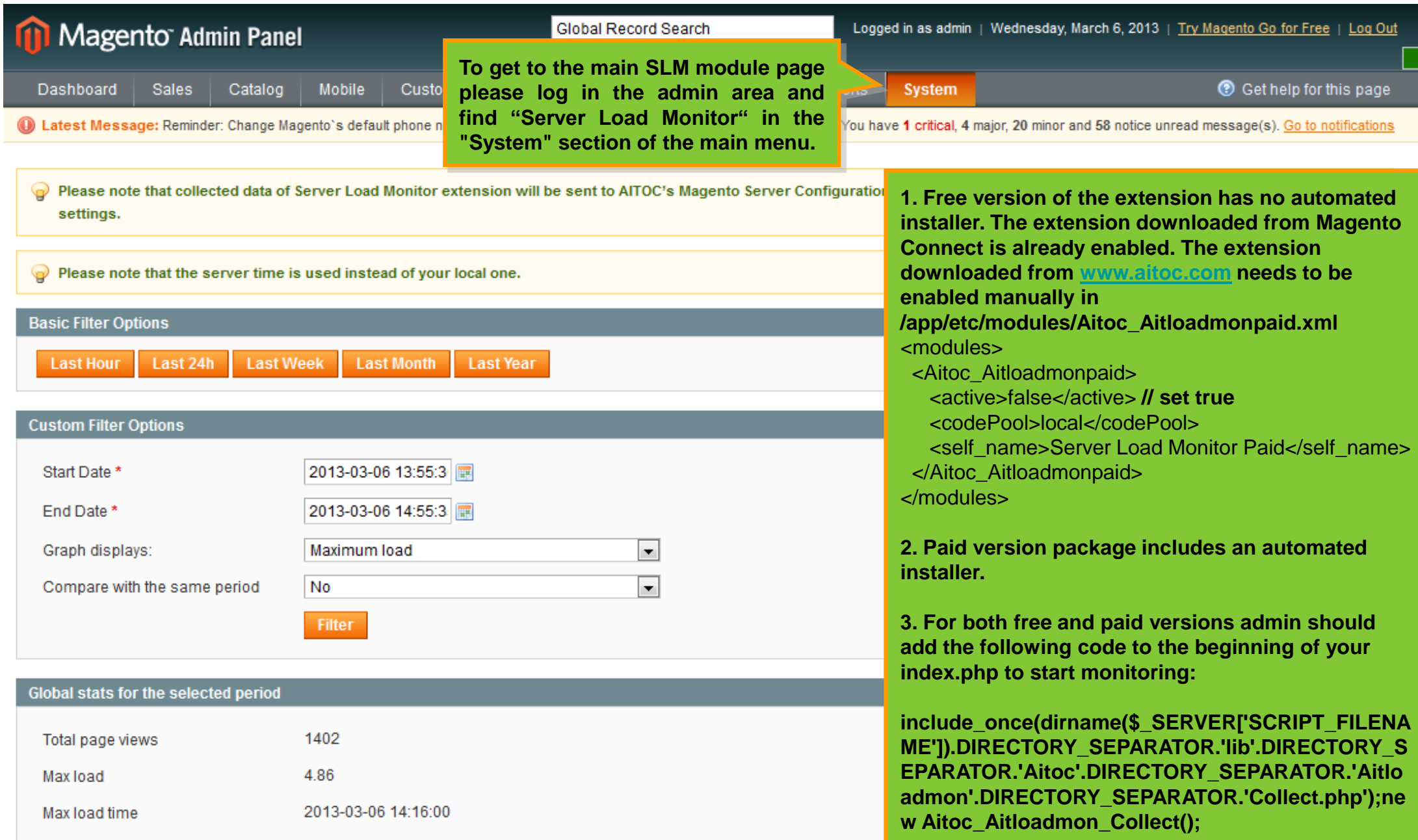
user manual

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1. Server Load Monitor Configuration

Magento™ Admin Panel

Global Record Search

Dashboard Sales Catalog Mobile Custo... ...ts **System** ❓ Get help for this page

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.

⚠ Latest Message: Reminder: Change Magento`s default phone n... You have **1 critical**, 4 major, 20 minor and 58 notice unread message(s). Go to notifications

💡 Please note that collected data of Server Load Monitor extension will be sent to AITOC's Magento Server Configuration settings.

💡 Please note that the server time is used instead of your local one.

Basic Filter Options

| Last Hour | Last 24h | Last Week | Last Month | Last Year |

Custom Filter Options

Start Date *　　2013-03-06 13:55:3

End Date *　　2013-03-06 14:55:3

Graph displays:　　Maximum load

Compare with the same period　　No

Filter

Global stats for the selected period

Total page views　　1402

Max load　　4.86

Max load time　　2013-03-06 14:16:00

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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 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>
```

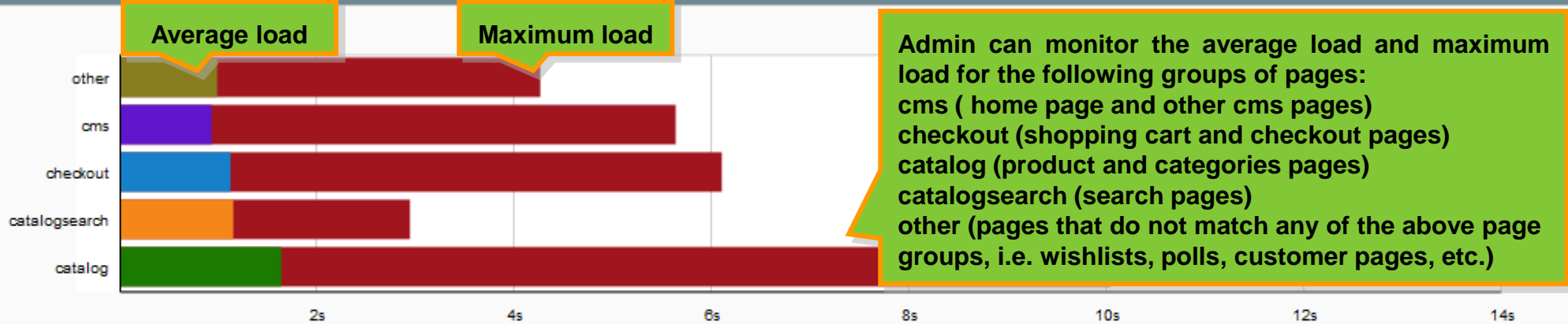**2. Paid version package includes an automated installer.**

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

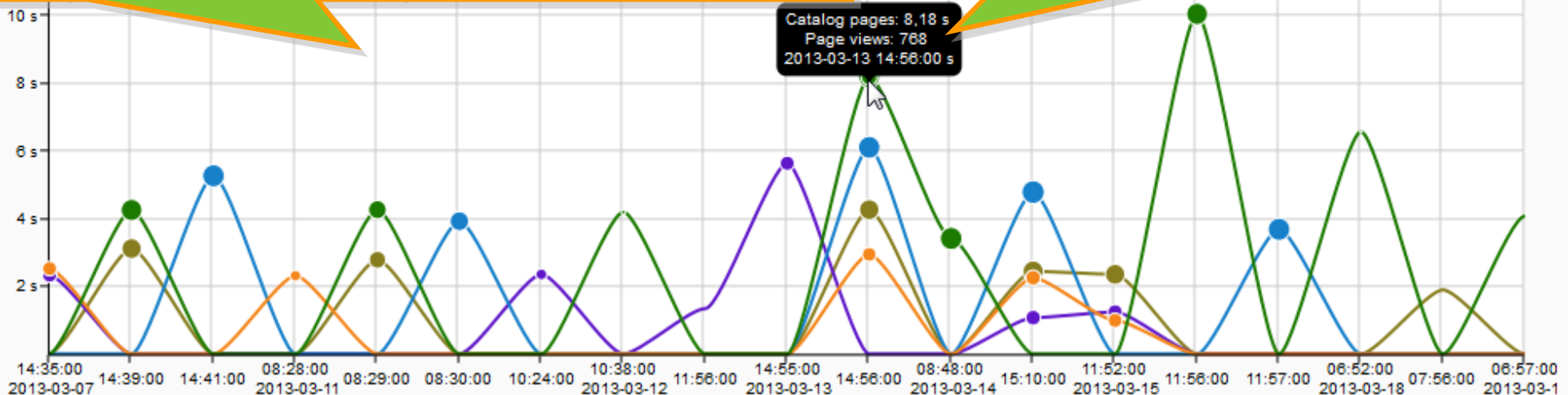**Avg Load / Max Load for the selected period by groups**

Average load

Maximum load

other
cms
checkout
catalogsearch
catalog

2s   4s   6s   8s   10s   12s   14s

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 about the moment.

Catalog pages: 8,18 s
Page views: 768
2013-03-13 14:56:00 s

10 s
8 s
6 s
4 s
2 s

14:35:00   14:39:00   14:41:00   08:28:00   08:29:00   08:30:00   10:24:00   10:38:00   11:56:00   14:55:00   14:56:00   08:48:00   15:10:00   11:52:00   11:57:00   06:52:00   07:56:00   06:57:00
2013-03-07   2013-03-11   2013-03-12   2013-03-13   2013-03-14   2013-03-15   2013-03-18   2013-03-1

2. Server Load Monitor Diagrams

Custom Filter Options

Start Date *	2013-03-21 08:21:5
End Date *	2013-03-21 09:21:5
Graph displays:	Maximum load
Compare with the same period	Yes
From Date	2013-02-04 12:54:0

Filter

> 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
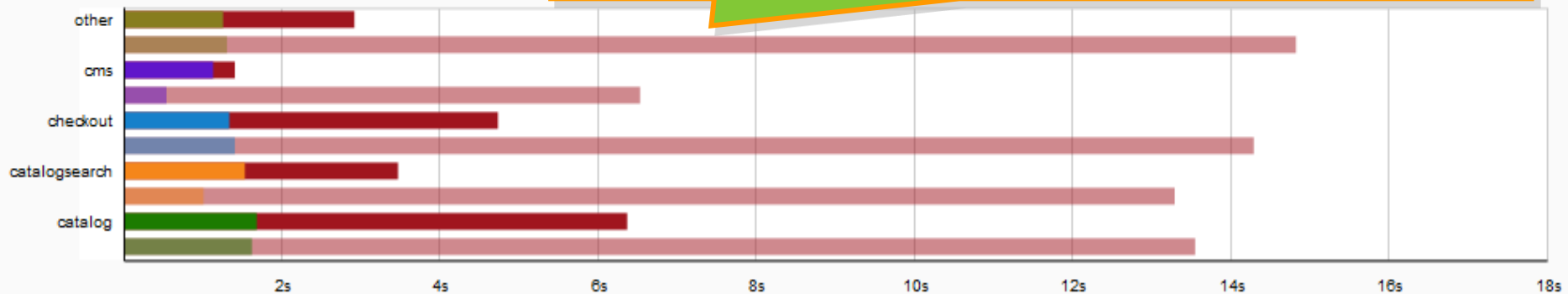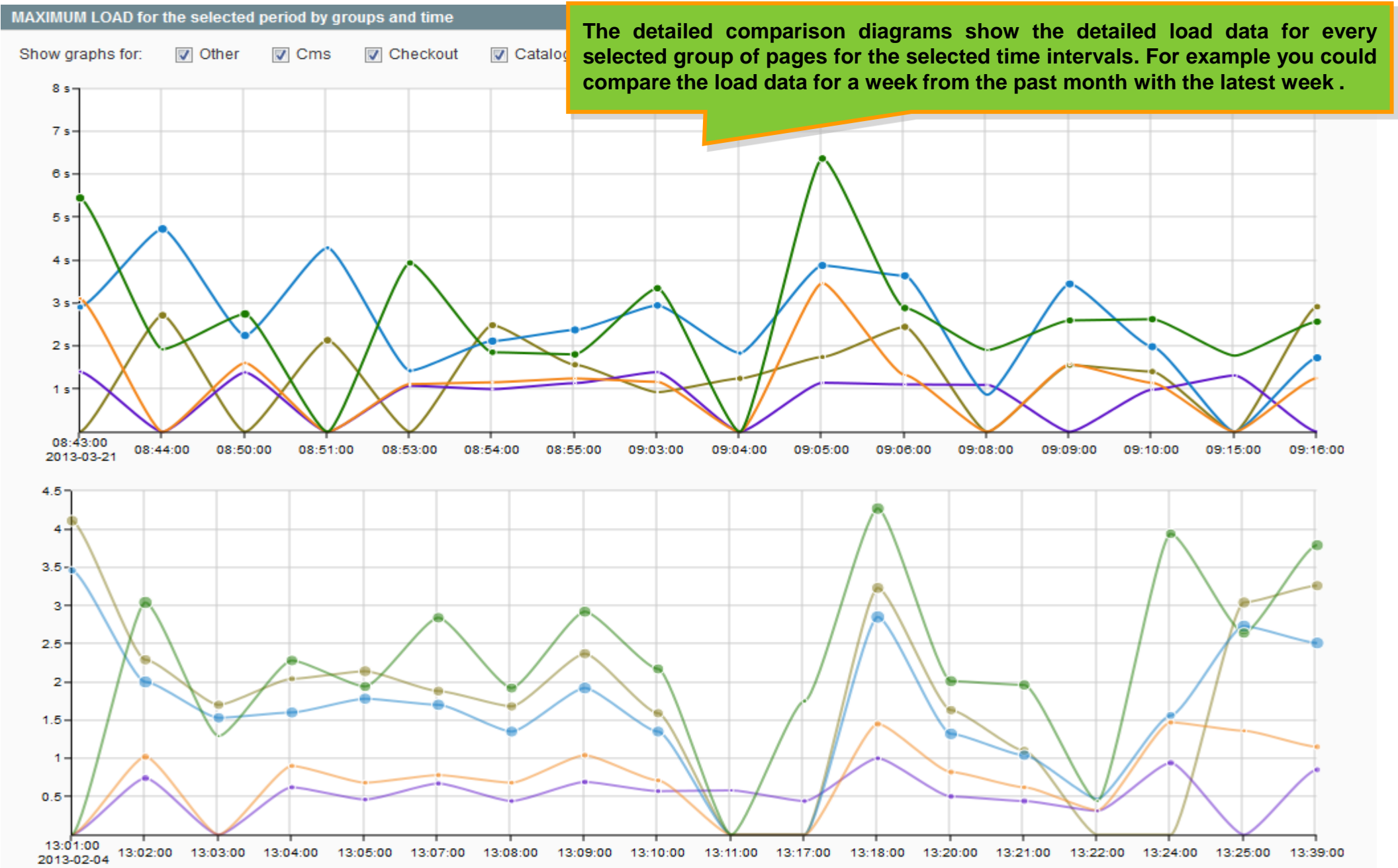
Bar chart showing groups: other, cms, checkout, catalogsearch, catalog, with horizontal axis 2s, 4s, 6s, 8s, 10s, 12s, 14s, 16s, 18s

2. Server Load Monitor Diagrams

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 | Out

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,

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 — General Contact ▼

Email Template — Admin Notification (Default Template from Loca ▼

Show message in admin if the performance gets into ... zone — No level ▼

Notify by email if the performance gets into ... zone — No level ▼

Enable sending info to Magento Server Configuration Calculator — Yes ▼

Yellow load level after — 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)

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

Black load level after — 10
▲ Black load level means critical load or server failure (sec); default value is 10 sec

Manage data compression — **Manage**   [GLOBAL]

> **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.**

> The load level has changed to **yellow**.
> Click anywhere to continue.

> **SML (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.**

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

> **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.**

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 | Rep

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:

Latest Message: Reminder: Change Magento`s d ... to notifications

One or more of the Indexes are not up to dat ... quired indexes.

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

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

Total records   21

Total size in bytes   693

In order to compare in details the short time intervals like today last hour and an hour a week ago please disable the automatic data compression first.

Automatic data compression   (In order not to overload database Se ... ompresses 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

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.

SML 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.

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