MobilPass

Informational leaflet

http://mobilcent.com

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Service Description

MobilPass forms the significant part of any we-site project. By providing the above service you could convert your site into the starting place of profits in several minutes without any practical efforts. All you need that is to find web-hosting which could support PHP or any other language for executing scripts on the server side.

How does it work?

MobilPass could be used for as follows:

- payment effecting for something you need by SMS message;
- information access restriction;
- payable file archives creating.

We carried out a lot of modifications which could allow altering the manual format for sending SMS message, building in WHL version of MobilPass into WAP-site, as well as changing language used by default. On the page of *technical manual MobilPass* you could find the all preset models of source codes by PHP, Perl, ASP, ASPNET and ActionScript.

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Technical info

The **MobilPass** is, from the implementational point of view, just a way of restricting user's ability to visit certain web-resources. In order to allow a user to review the restricted content, individual access passwords are generated; each one of these passwords can have a time and/or visit count limit, up to you. The access for the certain password is denied when the time is up OR when the visit count limit is hit, whichever comes first. Be careful while adjusting the options thought: note that when you change your MobilPass options, only those users that signed up *after* the change are affected.

The obvious positive sides of the **MobilPass** follow:
- ease of installation (with a typical setup taking 5-10 minutes);
- ease of adaptation to the user's specific needs (it's possible not only to fine-tune the look and feel of the entry form, but to replace the form as a whole with your own - without any functionality loss).

The tarification grid of your **MobilPass** is always available in XML at the address like:

```
http://engine.mobilcent.com/xml/pass/MobilPass id/
```

The XML file mentioned includes also the data on messages' target numbers (the number field) and prefixes needed by the local cellular operators in order to transfer the message to our system (the prefix field); in different countries there are, respectively, different numbers and prefixes. In order for the message to be associated with your service, it must be formed like:

```
prefix MobilPass id message text
```

and sent to number available in that country, according to the fee you're planning to collect.

If some country isn't present in the tarification grid mentioned, it means that the country just lacks the fee you set in the service's properties; try lowering the fee. All messages sent from such country will be simply ignored.

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Implementation samples

Ready-to-use code samples are given below; basically just copy/paste the one which fits you best to the very beginning of the page you are restricting, and that's it. On the first visit the user will be instructed how to retrieve the password to the key by sending a message. The phrase saying MobilPass id in the following pieces of code should be replaced by your actual MobilPass id. Obviously, it's vital that your server supports the scripting language of your choice.

PHP

```php
<?php
### MobilPass v1.0.5 ###
$key_id = идентификатор MobilPass;
$response = @file("http://pass.mobilcent.com/pass/?s_key=".
$key_id
."&s_pair=".urlencode(substr($_GET["s_pair"],0,10))
."&s_language=".urlencode(substr($_GET["s_language"],0,10))
."&s_ip=".$_SERVER["REMOTE_ADDR"]
."&s_url=".
$_SERVER["SERVER_NAME"].htmlentities(urlencode($_SERVER["REQUEST
_URI"])));
if ($response !== false) {
 if (count($response)>1 || $response[0] != 'true') {
  die(implode("", $response));
 }
} else die('Не удалось запросить внешний сервер');
### MobilPass end ###
?>
```

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ASP.NET

```
<%@page language="C#" %>
<%@import namespace="System.Net" %>
<%
/*** MobilPass v1.0.5 ***/
string key = "идентификатор MobilPass";
byte[] response =
    new
WebClient().DownloadData("http://pass.mobilcent.com/pass/?
s_key=" + key
    + "&s_pair=" + (Request.Params["s_pair"] != null
        ? Server.UrlEncode(Request.Params["s_pair"].Length > 10
            ? Request.Params["s_pair"].Substring(0, 10)
            : Request.Params["s_pair"]) : "")
    + "&s_language=" + (Request.Params["s_language"] != null
        ? Server.UrlEncode(Request.Params["s_language"].Length >
10
            ? Request.Params["s_language"].Substring(0, 10)
            : Request.Params["s_language"]) : "")
    + "&s_ip=" + Request.Params["REMOTE_ADDR"]
    + "&s_url=" + Request.Params["SERVER_NAME"]
    + Server.HtmlEncode(Server.UrlEncode(Request.Params["URL"]
        + Request.Params["QUERY_STRING"])));
if(Encoding.ASCII.GetString(response, 0, 4) != "true") {
    Response.BinaryWrite(response);
    Response.End();
}
/*** MobilPass end ***/
%>
```

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Perl

```perl
#!/usr/bin/perl
use CGI qw(:standard);
use HTML::Entities;
use LWP::Simple;
use URI::Escape;
### MobilPass v1.0.5 ###
$key = идентификатор MobilPass;
$response = get("http://pass.mobilcent.com/pass/?s_key=" . $key
    . "&s_pair=" . uri_escape(substr($_ = param("s_pair"), 0,
10))
    . "&s_language=" . uri_escape(substr($_ =
param("s_language"), 0, 10))
    . "&s_ip=" . $ENV{ "REMOTE_ADDR" }
    . "&s_url=" . $ENV{ "SERVER_NAME" }
    . encode_entities(uri_escape($ENV{ "REQUEST_URI" })));
if($response ne "true") {
    print "Content-Type: text/html\n\n", $response;
    exit;
}
### MobilPass end ###
```

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Flash technology

Despite the fact that we do not offer a separate MobilPass version for use on sites built fully with Flash technology, you are easily able to check key passwords with the following ActionScript code:

```
var key : String = new String("MobilPass");
var pair : String = new String("user-supplied password");
var loadVars : LoadVars = new LoadVars();
loadVars.onLoad = function(success : Boolean) {
    if(success && loadVars.toString() == "true") {
        // password accepted
    } else {
        // password declined
    }
}
loadVars.load("http://pass.mobilcent.com/pass/?s_key=" + key
    + "&s_pair=" + pair);
```

Note that you need to replace MobilPass with your actual MobilPass id, user-supplied password with the password you need to check, and the password accepted and password declined comments with the code you need executed for both cases, respectively - redirect to the restricted zone of the site and an error message/retry proposal.

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Code modifications

English by default

All our services default to Russian language historically; given that you need it changed, just replace in the above code snippets

```
http://engine.mobilcent.com/pass/
```

with

```
http://engine.mobilcent.com/language/
english/pass/
```

For mobile browsers

MobilPass is now available also to WAP-site visitors - in order for the key to generate WML markup instead of default HTML one, you should change the request address in the code snippets shown above from

```
http://engine.mobilcent.com/pass/
```

to

```
http://engine.mobilcent.com/pass_wml/
```

Without decorations

This variation is suited for the tightest integration with your website's design. Just pass a parameter s_pure=1 (engine.mobilcent.com/pass/?s_pure=1) to the script, and the resulting page is stripped from both headers and CSS, leaving just HTML markup; it's trivial to adjust the look and feel using CSS as you see fit.

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