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# Integrated Enterprise Hotspot Solution

for  **Check Point**  
SOFTWARE TECHNOLOGIES LTD and **FORTINET** Security Gateways  
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**skylone**<sup>®</sup>  
Technology Ltd. <http://skylone.com>

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# OVERVIEW



- Main Features
- Topology
- Server Setup
- Authentication Methods
- Portal Customisation
- User Experience
- Use Cases
- Administrator Experience
- References

# MAIN FEATURES

# MAIN FEATURES



- SaaS : Ready to use on-demand software
  - As a Cloud service by Skylone to SMB customers.
  - As a Shared service from an MSP to its customers.
- Enterprise/Telco grade Hotspot solution:
  - Integration and cooperation with leading security gateway vendors
  - Can be scale up to your security gateway scalability
  - Distributed architecture support via central deployment
  - SSL encrypted traffic on guest networks

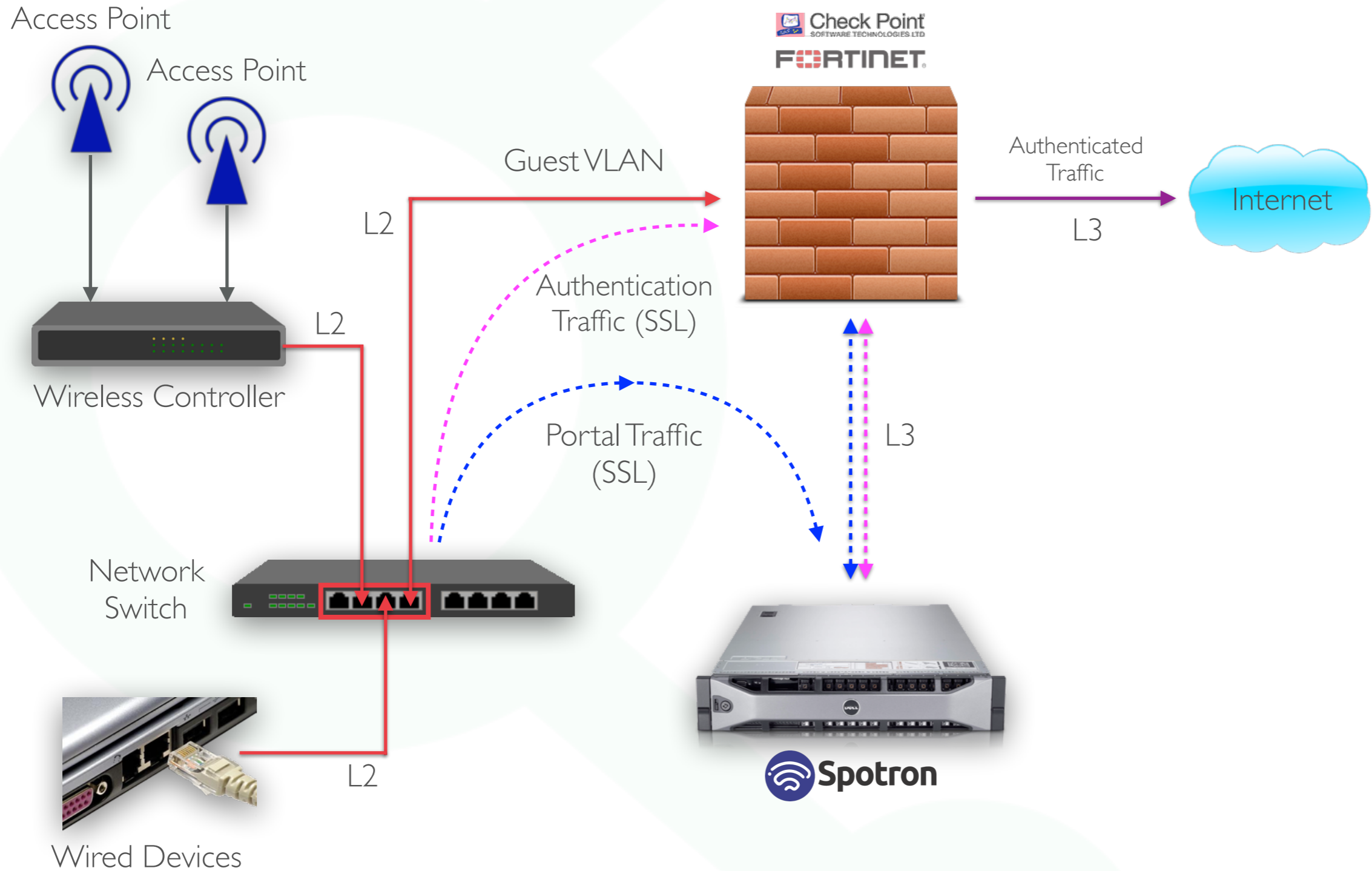
# MAIN FEATURES



- Web based management interface
  - In-house developed unique portal engine
  - Role based management (6 different roles)
  - Profile based management
  - Multilingual support
- Rule 565 I compliant: Guest information recorded on Security Gateway's log records.
- Spotron has been incorporated into the strategy of leading network-security companies.

# TOPOLOGY

# TOPOLOGY





# TOPOLOGY



- Spotron Server should be placed to DMZ
- Services handled by Spotron:
  - DNS, DHCP, RADIUS, HTTP
- Certificate requirements :
  - Authentication Traffic (for Security Gateway)  
`i.e. gateway.company.com`
  - Portal Traffic (for Spotron)  
`i.e. hotspot.company.com`

# SERVER SETUP

# SERVER SETUP



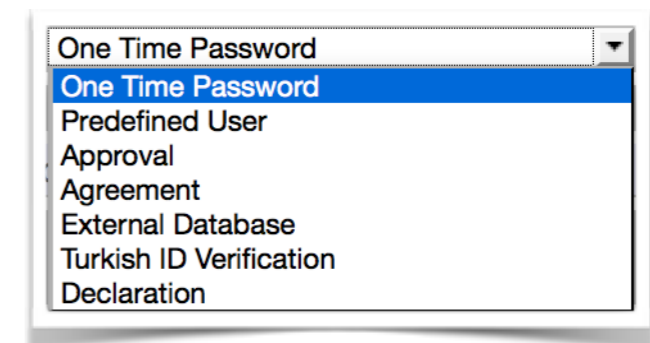
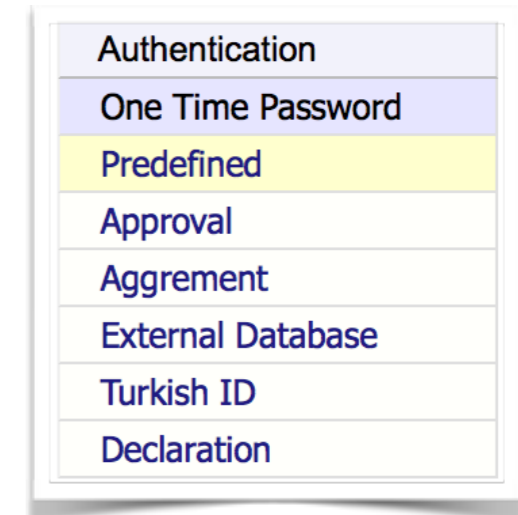
- Spotron software will be installed through an ISO image
- Configuration parameters are predefined :
  - IP addresses, DHCP Scope, Domain Names, etc.
- Installation will be completed as unattended.
- Can be installed on a virtual environment or on a physical system
- Typical hardware requirements;
  - 2 x CPU core, 2 GB memory, 40 GB Hard Drive, Single Ethernet Interface

# AUTHENTICATION METHODS

# AUTHENTICATION METHODS



- Gateways on different locations can be configured to use different authentication methods.
- Authentication parameters can be configured globally or based on location (gateway).
- Dynamic ID will be placed as "User Name" in log records of Security Gateway.
- Profile based management.
- Multilingual interface (based on browser language)



# ONE TIME PASSWORD (SMS OTP)



- Self Registration
- Authentication information will be delivered via SMS.
- Abuse protection for frequent SMS requests
- Customisable query fields

Record Details	
Name	otp
Display Name	One Time Password
Second Factor Capable	No
Default OTP Configuration	
Password Length	6
Password Complexity	Simple
Sending Period (in seconds)	180
Long-Wait Period (in seconds)	3600
Access Code Validity	Everytime
Default OTP Provider	
OTP Provider	Spotron SMS (Poly)
Authentication Default Parameters	
Sender Information	Spotron
Message Content	{tr Internet erisimi icin dogrulama parolaniz: ((\$otp))}(en Validation code to access internet: ((\$otp)))
Disclaimer Header	{tr Okudum, Kabul Ediyorum.}(en   have Read and Agree.)
Subscription Header	{tr Kurum ve işbirliği içinde olduğu markaların hizmetlerinden, kampanyalarından, tanıtımlarından ve aktivitelerden e-posta, sms ve diğer iletişim yolları ile haberdar olmak istiyorum ve bilgilerimin 
Requested Information Fields Enter one field per line.  For example; Full Name *Must not empty @Mobile Number !Verification Code	{tr Adınız, Soyadınız E-Posta Adresiniz @GSM Numaranız &Kullanım Şartları !Erişim Kodu ~Hatırla ?Haberdar Ol )}(en  Your Name E-Mail Address @Mobile Number &Disclaimer !Access Code ~Remember ?Subscribe)

# PREDEFINED (SMS OTP)



- Restricted (predefined) users only
- No Self-Registration
- No query fields
- Authentication information will be delivered via SMS.

Dinamik Kullanıcı Kayıt Bilgileri	
Dinamik Kimlik	00905333144490
Müşteri	Skylone
Yetkili Satıcı	Skylone Technology Ltd.
Erişim Kodu Geçerlilik Süresi	Anlık
Durumu	Aktif
Kullanıcı Girdisi	Gokhan Poyraz

Kayıt Bilgileri	
Adı	static
Görünür Adı	Predefined User
İlave Doğrulama Yöntemi	Hayır
Varsayılan Yapılandırma	
Şifre Uzunluğu	8
Şifre Zorluğu	Basit
Varsayılan OTP Sağlayıcı	
OTP Sağlayıcı	Spotron SMS (Poly)
Kimlik Doğrulama Varsayılan Özellikleri	
Mesaj İçeriği	{tr Internet erişim yetkiniz tanımlanmıştır. Giriş için bu şifreyi kullanınız: ((\$otp)))(en Your credential has been created. Please use this password to access Internet: ((\$otp))}
Portal Soru Alanları Her satırda bir soru giriniz. Örneğin; @Kullanıcı Adı !Şifre *Zorunlu alan	(tr @GSM Numaranız !Erişim Kodu &Kullanım Şartları ~Hatırla ) (en @Mobile Number !Access Code &Disclaimer ~Remember)

# APPROVAL (SMS OTP)



- Self Registration
- Approval mechanism through an predefined (or individual) e-mail notification
- Second copy (Cc, Bcc) to a predefined account
- Customisable query fields
- Authentication information will be delivered via SMS after approvement.

Record Details of Approved Users		Approval Status	
Dynamic Identification	00905333144490	Approval Status	none
Customer	Skylone	Approve	Onayla ve erişim kodu gönder
Authorized Domain	Skylone Technology Ltd.	Reject	Engelle
Access Code Validity	Instant Access	Reset	Reset
Current State	Active	Portal Usage Information	
User Input		Registration Date	
Session ID		Total OTP Sent	0
Hotspot Usage Information		Last Delivery	
First Update	03 May 2015 Sunday, 19:00:12	Last Use	
Last Update	20 May 2015 Wednesday, 12:59:35	Last Login Status	none
Local IP Address		Last Login	
Download	114.90 MB	Successful Usage	0
Upload	18.87 MB	Failed Usage	0
		Short Counter	0
		Successful Login	0

Display Name	Approval
Second Factor Capable	No
Default Approval Configuration	
Password Length	8
Password Complexity	Default
Sending Period (in seconds)	3600
Access Code Validity	8 Hours
Access Validity	Everytime
Default OTP Provider	
OTP Provider	Spotron SMS (Poly)
Default Approval Method	
Approval Request Method	Sponsor E-Mail
SMTP Relay Host	relay1.skylone.net
SMTP Port	587
Username	username
Password	password
Communication Channel	TLS
Message Priority	High
From Name	Spotron
From Address	spotron@skylone.net
Subject	Internet Erişim Talebi: (\$guestid)
Sponsor Message Content	Merhaba,  Aşağıda detayları bulunan kullanıcının Internet erişimi için tarafınızdan onay beklenmektedir.  (\$guestdetails)   Lütfen aşağıdaki uygun adımı seçiniz:(\$actions)Teşekkürler,   (\$customer).



# SMS GATEWAYS



- Profile based SMS gateway management
- Webservice and HTTP PUT/GET support
- More than 10 SMS provider already integrated as a predefined record.

**OTP Providers**

New Record Delete View Refresh

Search: |< < 1-12 / 12 > >|

#	<input type="checkbox"/>	Display Name	Record Name	Send Method	Customer Group	Domain
1	<input type="checkbox"/>	...	...	...	...	...
2	<input type="checkbox"/>	...	...	...	...	...
3	<input type="checkbox"/>	...	...	...	...	...
4	<input type="checkbox"/>	...	...	...	...	...
5	<input type="checkbox"/>	...	...	...	...	...
6	<input type="checkbox"/>	...	...	...	...	...
7	<input type="checkbox"/>	...	...	...	...	...
8	<input type="checkbox"/>	...	...	...	...	...
9	<input type="checkbox"/>	...	...	...	...	...
10	<input type="checkbox"/>	...	...	...	...	...
11	<input type="checkbox"/>	...	...	...	...	...
12	<input type="checkbox"/>	...	...	...	...	...

|< < 1-12 / 12 > >|

**OTP Sağlayıcı Kayıt Bilgileri**

Kayıt Adı	...
Müşteri	Skylone
Müşteri Grubu	Skylone
Yetkili Satıcı	Skylone Technology Ltd.
Görünür Adı	...
Gönderim Yöntemi	Kısa Mesaj
Açıklama	...

**OTP Sağlayıcı Bilgileri**

Kullanıcı Adı	...
Şifre	...
Uygulama Kimliği	-
Gönderim Adresi	<pre>&lt;?xml version="1.0" ?&gt; &lt;PACKET&gt;   &lt;USERNAME&gt;{\$user}&lt;/USERNAME&gt;   &lt;PASSWORD&gt;{\$pass}&lt;/PASSWORD&gt;   &lt;ORIGINATOR&gt;SPOTRON&lt;/ORIGINATOR&gt;   &lt;STARTDATE&gt;&lt;/STARTDATE&gt;   &lt;EXPIREDATE&gt;&lt;/EXPIREDATE&gt;   &lt;PHONENUMBER&gt;{\$gsm}&lt;/PHONENUMBER&gt;   &lt;MESSAGE&gt;&lt;![CDATA[{\$text}]]&gt;&lt;/MESSAGE&gt;   &lt;MESSAGETYPE&gt;1&lt;/MESSAGETYPE&gt; &lt;/PACKET&gt;</pre>

Test Mesajı Gönder Çalıştır

# OTHER METHODS



- Spotron can be integrated with an external database (Oracle, MS-SQL, MySQL) to check information provided by guest users for authentication.
- TCKN validation through web service of [nvi.gov.tr](http://nvi.gov.tr) is supported.
- Disclaimer only access is supported.

# PORTAL CUSTOMISATION

# PORTAL CUSTOMISATION

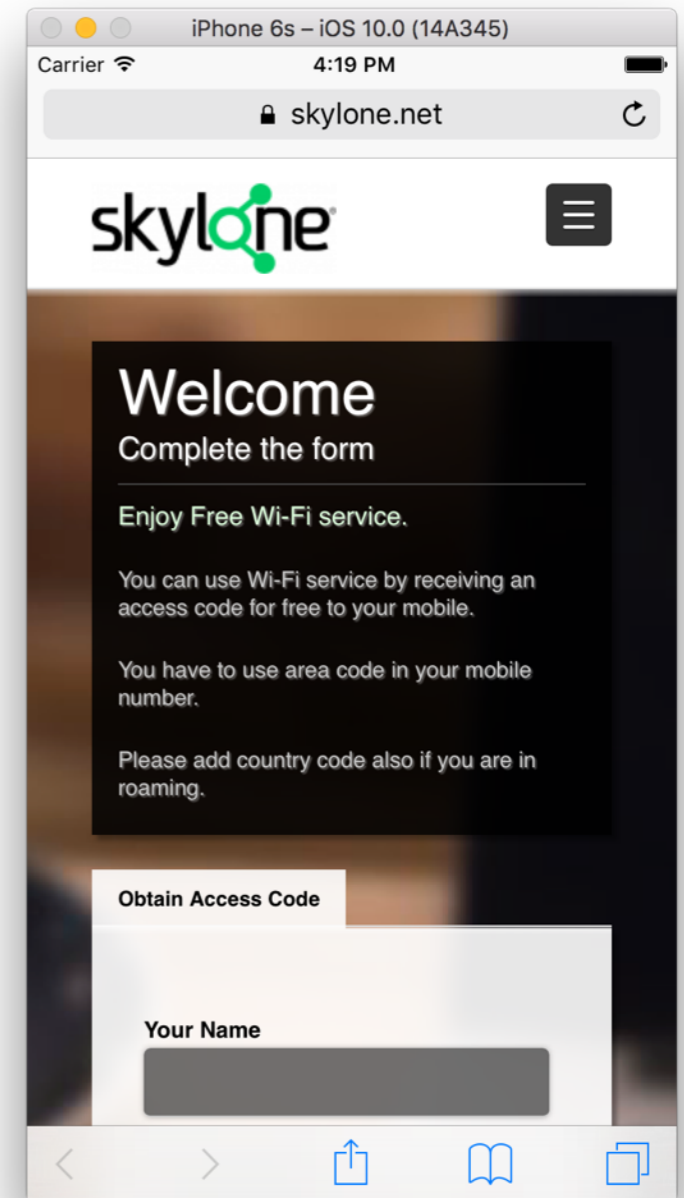
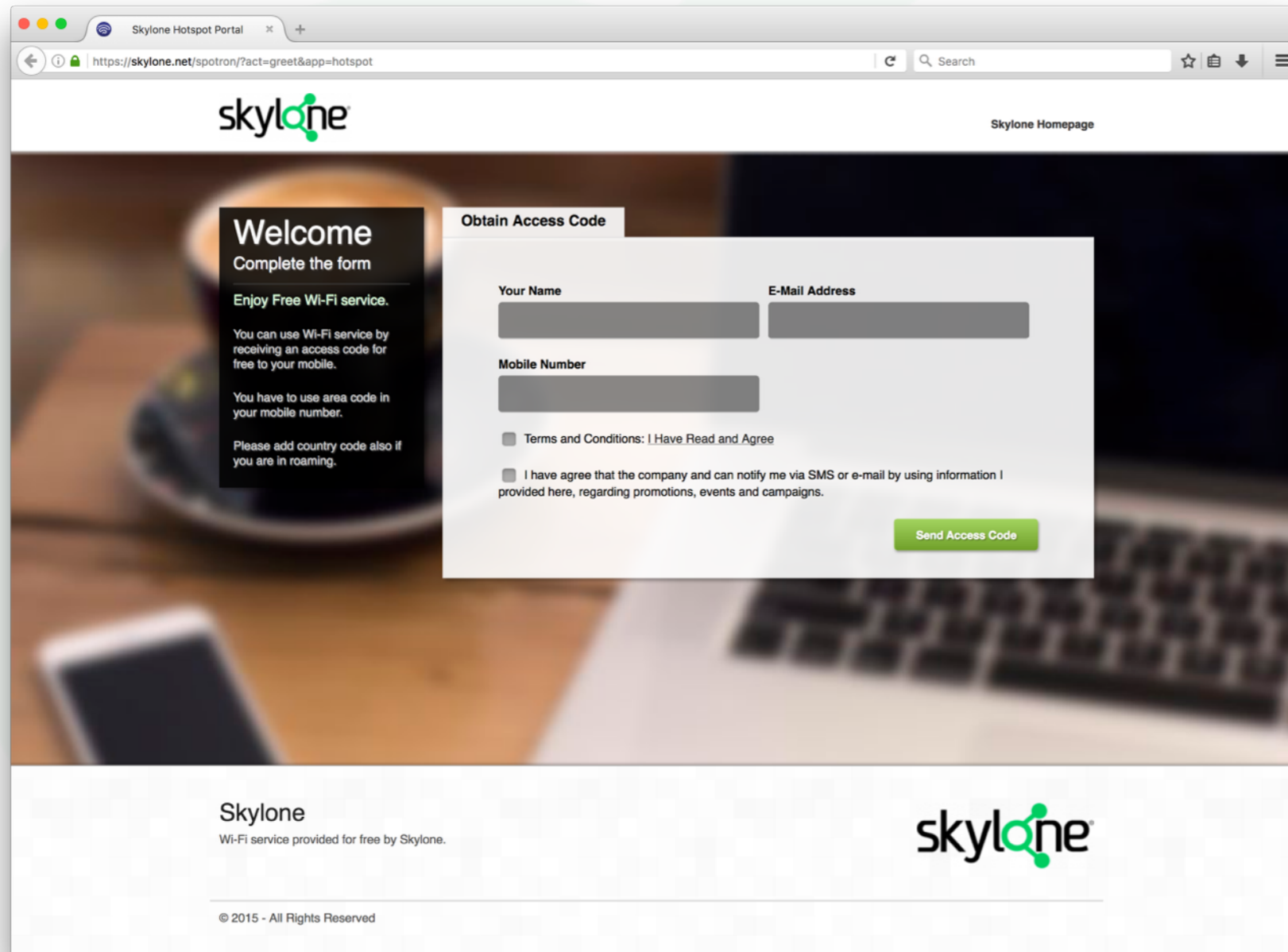


Default Portal Resources	
HTML Template	View
Stylesheet	View
Mobile HTML Template	View
Mobile CSS	View
Agreement Text	View

- User interface can be customised easily through management portal.
- Advanced customisation is also supported through changing files on filesystem.

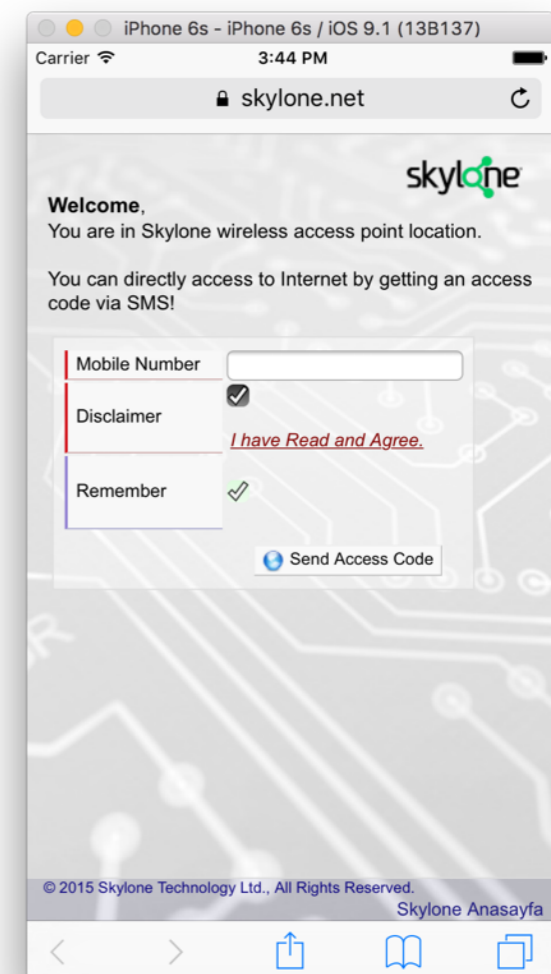
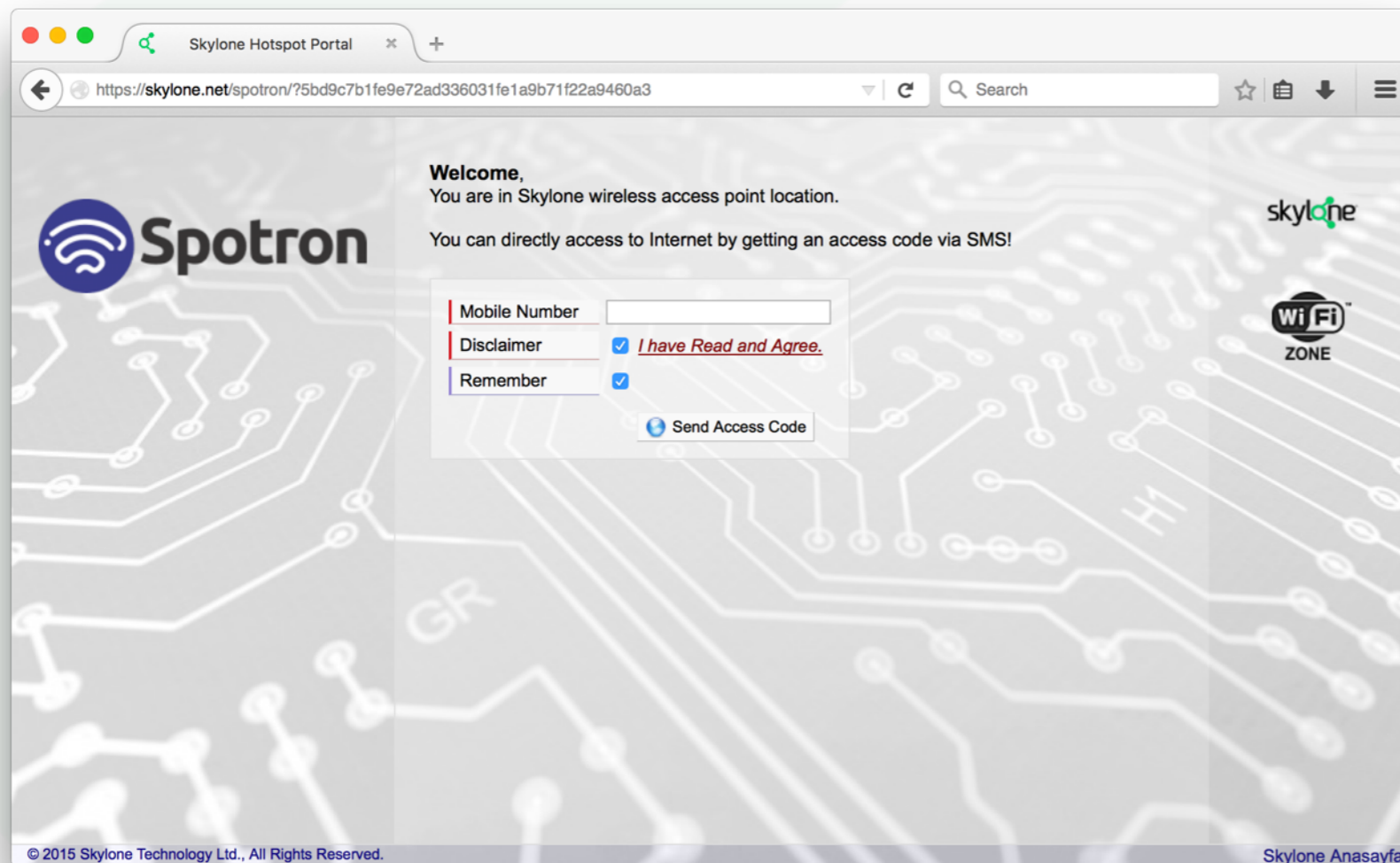
Portal Settings	
Web Engine	Default
Customer Logo	View  skylone
HTML Template	Edit
Stylesheet	Edit
Background	View
Mobile Portal Settings	
Customer Logo	
HTML Template	Edit
Stylesheet	Edit
Background	
Agreement Text Default Settings	
Agreement Text	Edit

# DEFAULT TEMPLATE



- Default Template usage with background image and logo customisations.

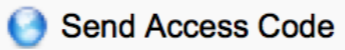
# BASIC TEMPLATE



- Basic Template usage with background image and logo customisations.

# INPUT FIELDS

Your Name	<input type="text"/>
E-Mail Address	<input type="text"/>
Mobile Number	<input type="text"/>
Disclaimer	<input checked="" type="checkbox"/> <i>I have Read and Agree.</i>
Remember	<input checked="" type="checkbox"/>
Subscribe	<input type="checkbox"/> I have agree that the company and can notify me via SMS or e-mail by using information I provided here, regarding promotions, events and campaigns.



Authentication Settings	
Type	One Time Password
Password Length	6
Password Complexity	Strong
Sending Period (in seconds)	180
Long-Wait Period (in seconds)	3600
Access Code Validity	4 Hours
Time Quota (in minutes)	240
Data Quota (in MB)	1024
Predefined Users Only	Yes
Sender Information	SPOTRON
Message Content	<input type="text"/>
Disclaimer Header	<input type="text"/>
Subscription Header	<input type="text"/>
Requested Information Fields Enter one field per line.	<input type="text"/>
For example; Full Name *Must not empty @Mobile Number !Verification Code	

- Input fields can be changed through management interface without involving HTML code.

# USER EXPERIENCE



# REDIRECTION & SELF REGISTRATION



The image shows two overlapping browser windows. The top window displays a blank page with the URL "skylone.com" in the address bar. The bottom window displays the "Skytone Hotspot Portal" with the URL "https://skylone.net/spotron/?act=greet&app=hotspot".

The registration page includes the following elements:

- Spotron Logo:** Located on the left side of the page.
- Welcome Message:** "Welcome, You are in Skylone wireless access point location. You can directly access to Internet by getting an access code via SMS!"
- Form Fields:**
  - Mobile Number:** A text input field with a red arrow pointing to it.
  - Disclaimer:** A checkbox labeled "Disclaimer" with a checked box and the text "*I have Read and Agree.*". A red arrow points to the checkbox.
  - Remember:** A checkbox labeled "Remember" with a checked box. A red arrow points to the checkbox.
  - Send Access Code:** A button with a globe icon and the text "Send Access Code". A red arrow points to the button.
- Logos:** "skylone" and "Wi Fi ZONE" logos are positioned on the right side of the page.
- Footer:** "© 2015 Skylone Technology Ltd., All Rights Reserved." on the left and "Skylone Anasayfa" on the right.

# VERIFICATION



Skylone Hotspot Portal

https://skylone.net/spotron/?5bd9c7b1fe9e72ad336031fe1a9b71f22a9460a3

**Spotron**

Please provide the access code sent to your mobile phone.

If you didn't get the access code or want to check information that you provided please click on "Start Over" button.

Mobile Number 5333144490

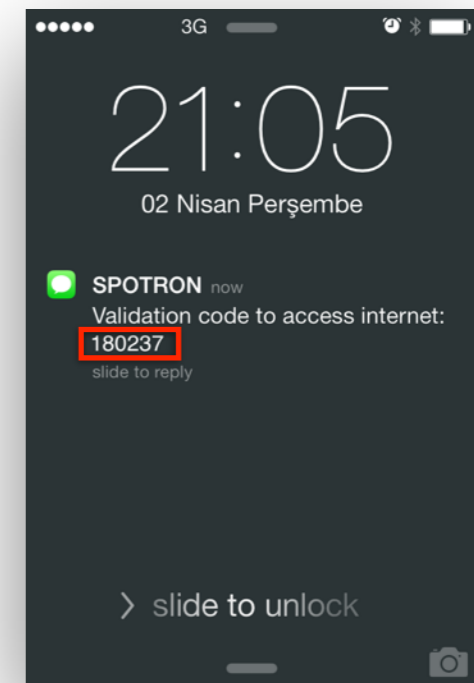
Access Code 180237

[Start Over](#) [Verify](#)

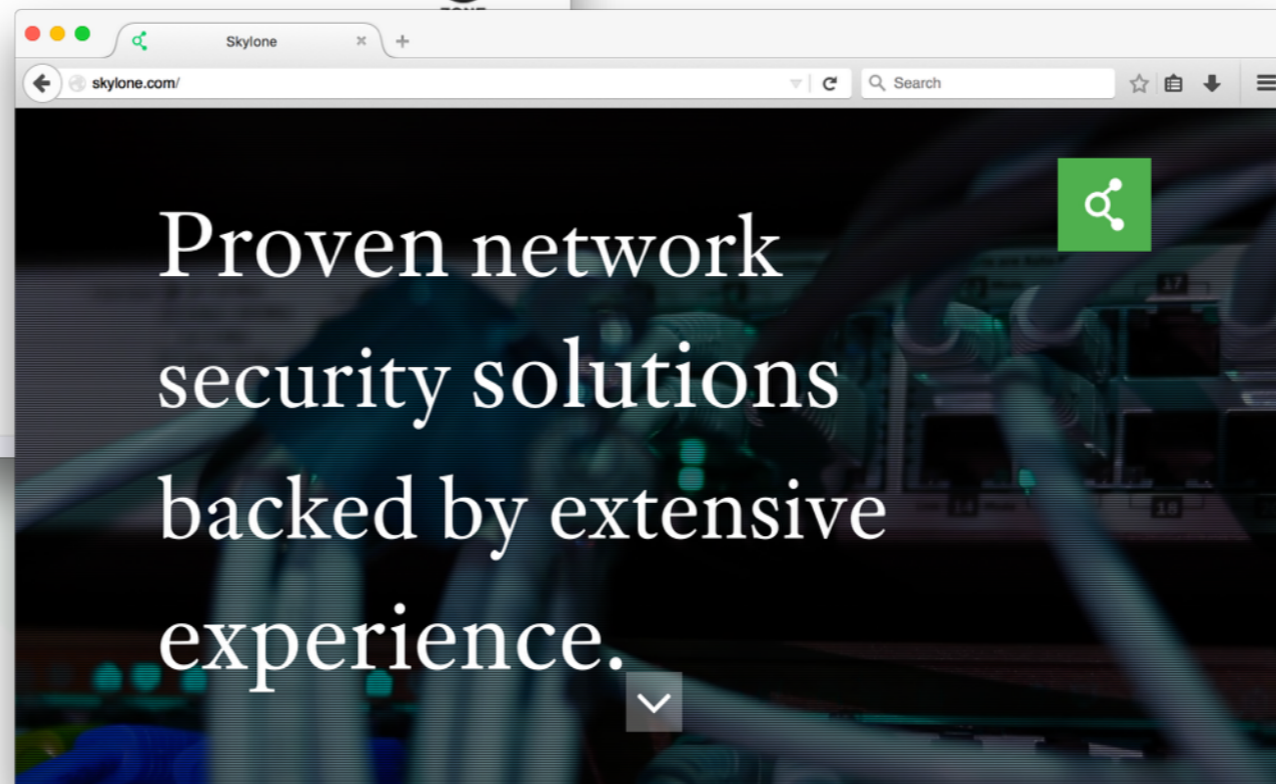
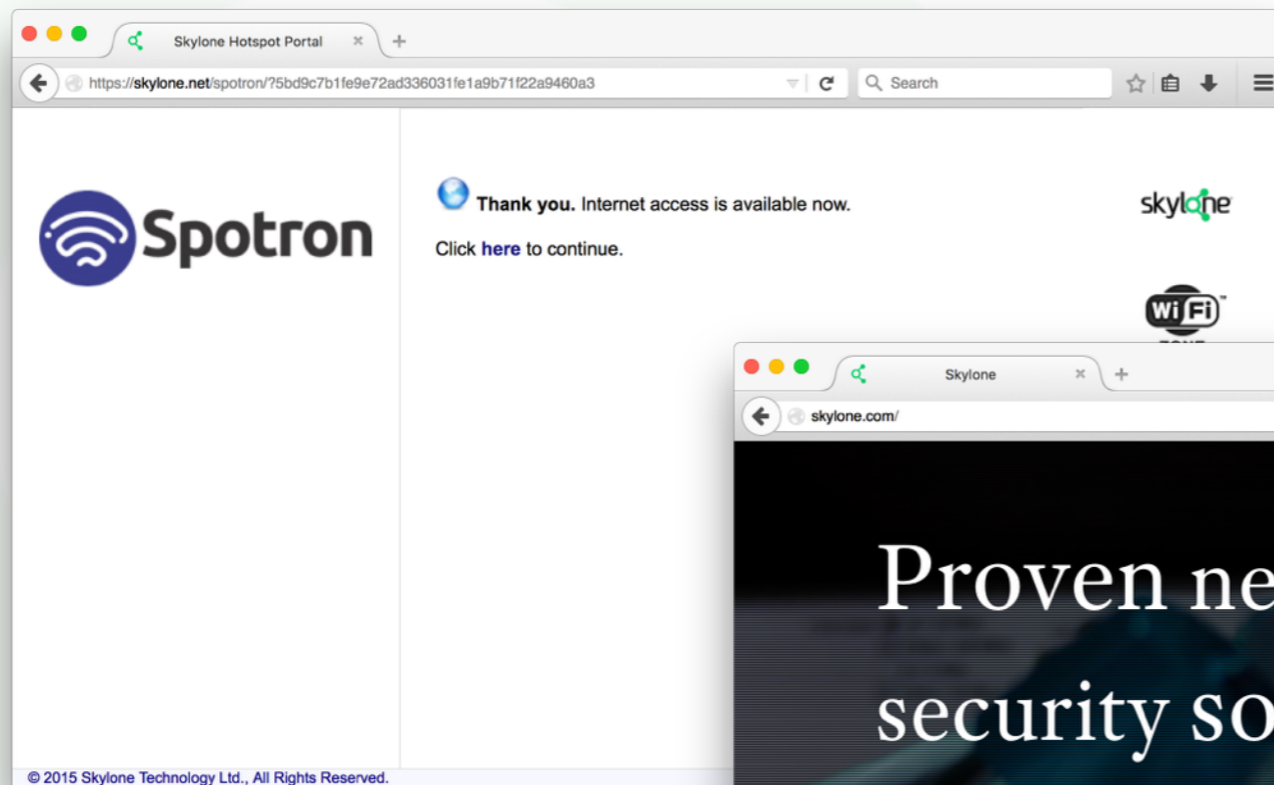
skylone

WiFi ZONE

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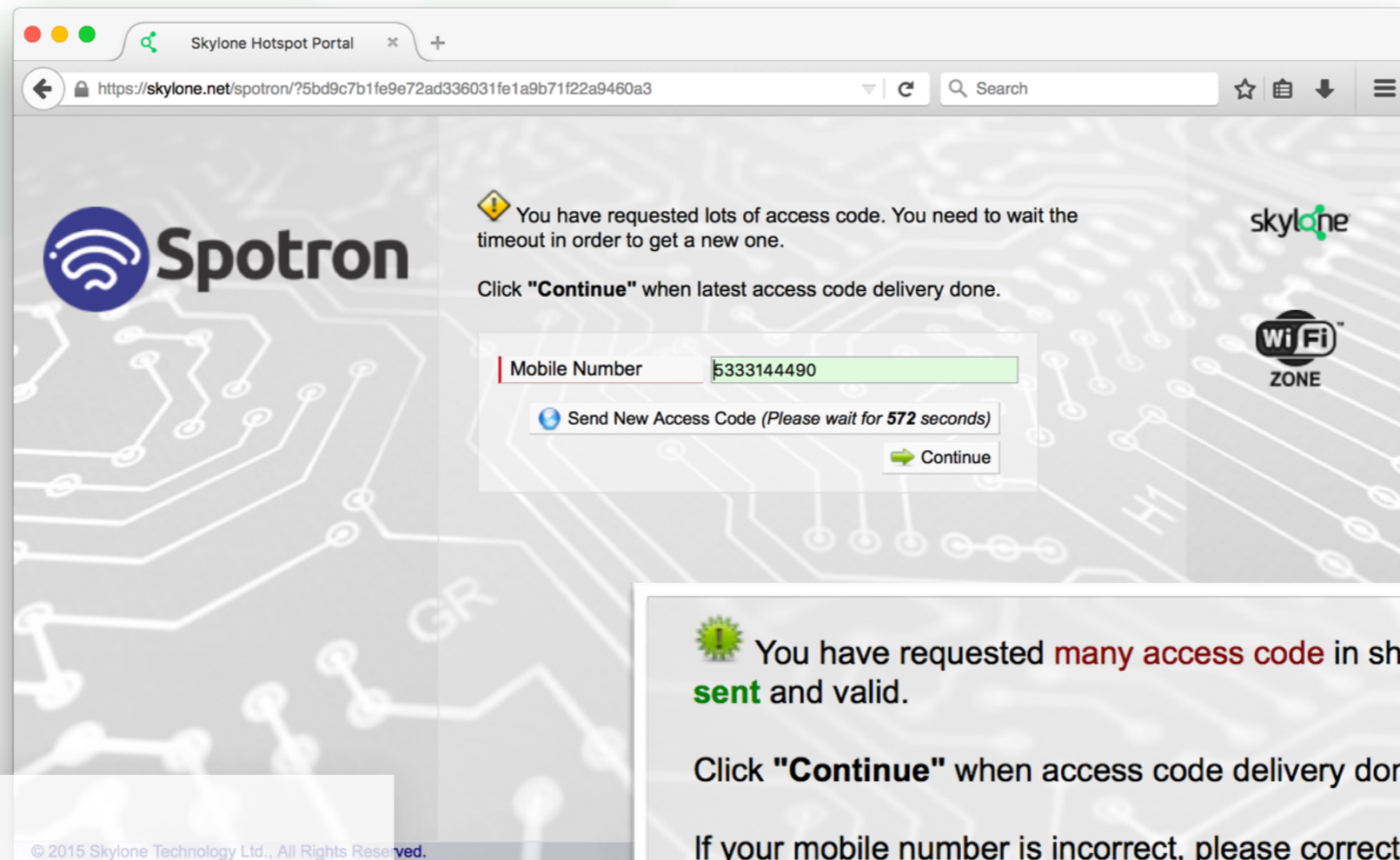


# AUTHENTICATION & ACCESS




# USE CASES

# ABUSE PROTECTION




Abuse protection for consecutive SMS-OTP requests.

 You have requested **many access code** in short period. The **last one sent** and valid.

Click "**Continue**" when access code delivery done.


If your mobile number is incorrect, please correct it. A new access code will then send when you click "Send New Access Code" button after the timeout.

 You have requested lots of access code. You need to wait the timeout in order to get a new one.


Click "**Continue**" when latest access code delivery done.

# SMS-OTP AUTHENTICATION




 You most probably gave the **wrong** mobile number.


Please correct and continue.

 We are sorry, we can't be able to send an SMS to your mobile.


Please wait for a while and try again.

 Validity of the access code has expired.


Please continue to get a new access code.

 Please provide the access code sent to your mobile phone.

If you didn't get the access code or want to check information that you provided please click on "Start Over" button.


 The **access code** that we sent before **valid**, please use it..

If you lost the access code, please click on "Send Again" button to get new one.

 The **access code** that we sent recently still **valid**.

Click "**Continue**" when access code delivery done.


If your mobile number is incorrect, please correct it. A new access code will then send when you click "Send New Access Code" button.

 **Sorry, given access code is not verified.** Please check it with the code sent to your mobile and press "Verify" button again.


If you want to check information that you provided or want to get another access code please click on "Start Over" button.

# AUTHENTICATION WITH APPROVAL




 Your access request has been forwarded for approval.


Please wait for a while and verify the access code when you get it by SMS.

 Your access request is waiting for approval.

Please wait for a while and verify the access code when you get it by SMS.

 Your access request has been approved and the **access code** that we sent before **valid, please use it.**

If you lost the access code, please click on "Send Request" button to create new request.

 Your access request has been approved.  
Please provide the access code sent to your mobile phone.

If you didn't get the access code or want to check information that you provided please click on "Start Over" button.

# QUOTA & SERVICE OUTAGES



You have exceed your daily usage quota..  
Thank you for using our Hotspot service..



**Sorry, the service is temporarily unavailable.**

Please wait for a while and try again.



# ADMINISTRATOR EXPERIENCE

# USER ACTIVITIES - SPOTRON



skylone Spotron Portal

Home | Management Tools | Admin Tools | Resources | Reports Super Admin | Sign out

**Dynamic Users**

New Record Delete View Refresh

4490

#	Dynamic Identification	OTP	Try	Login	Last State	Customer	Domain	Current State	Latest Activity	Registration Date
1	00905333144490	2	11	0	success	skylone	s-skylone	Active	2015-04-02, 16:22:39	2015-04-02, 14:44:51

**Dynamic Users**

Please select an option.

Edit Delete OK

Record Details of Dynamic Users		Portal Usage Information	
Dynamic Identification	00905333144490	Registration Date	02 April 2015 Thursday, 14:44:51
Customer	Skylone	Total OTP Sent	2
Authorized Domain	Skylone Technology Ltd.	Last Delivery	02 April 2015 Thursday, 21:05:21
Access Code Validity	Everytime	Last Use	02 April 2015 Thursday, 16:22:39
Current State	Active	Last Status	Successful Authentication
User Input	Your Name: E-Mail Address: Mobile Number:5333144490 Disclaimer:true Remember:true	Last Login	
Session ID	8fab4e2c9a786679f9395c61296aa48334d9e998	Successful Usage	11
Hotspot Usage Information		Failed Usage	0
First Update	14 March 2015 Saturday, 05:15:05	Short Counter	1
Last Update	14 March 2015 Saturday, 06:28:57	Successful Login	0
Local IP Address			
Download	7.96 MB		
Upload	589.49 KB		

Edit Delete OK

# LOG RECORDS - SPOTRON



skylone **Spotron Portal**

Home | Management Tools | Admin Tools | Resources | Reports Super Admin | Sign out

General  
Service Information

Reports  
User Activities

Log Records  
User Activities

### User Activities

Refresh

4490

#	Rec Num	Date	ID	Type	Customer	Domain	Session ID
1	12961	2015-04-02, 21:05:21	00905333144490	otpsent	skylone	s-skylone	8fab4e2c9a786679f9395c61296aa48334d9e998
2	12652	2015-04-02, 14:46:51	00905333144490	otpauthdone	skylone	s-skylone	c561d2c262987d7a3c769bc3f3215683196c97e0
3	12651	2015-04-02, 14:44:51	00905333144490	otpsent	skylone	s-skylone	c561d2c262987d7a3c769bc3f3215683196c97e0
4	11690						3799885590e
5	11689						3799885590e
6	11688						
7	11687						
8	11681						
9	11680						
10	11679						
11	11678						
12	11677						
13	11676						

OK

#### Record Details

Date	02 April 2015 Thursday, 14:46:51
ID	00905333144490
Record Type	OTP Validated
Session ID	c561d2c262987d7a3c769bc3f3215683196c97e0

#### Account Details

Customer	Skylone
Authorized Domain	Skylone Technology Ltd.
Gateway	Skylone Testbed
Product	Poly

OK

# LOG RECORDS - GATEWAY



## RULE 5651 COMPLIANCY

172.22.22.100 - Check Point SmartView Tracker

Check Point SmartView Tracker

Network & Endpoint Active Management

All Records (fw.log)

No.	Date	Time	Origin	Service	Source	Source User Name	Destination	Rule	Curr. Rule ...	Rule Na...	Source Port
3535	2Apr2015	16:22:40	gfw	TCP https	10.22.22.10		gfw	1	1-Standard		51636
3536	2Apr2015	16:22:40	gfw	TCP https	10.22.22.10		gfw	1	1-Standard		51637
3537	2Apr2015	16:22:41	gfw	TCP https	10.22.22.10		gfw	1	1-Standard		51639
3538	2Apr2015	16:22:41	gfw	TCP https	10.22.22.10	00905333144490	gfw	1	1-Standard		51641
3539	2Apr2015	16:22:41	gfw	TCP https	10.22.22.10		gfw	1	1-Standard		51643
3540	2Apr2015	16:22:42	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51643
3541	2Apr2015	16:22:43	gfw	UDP domain-udp	10.22.22.10	00905333144490	dns-sever	1	1-Standard		51222
3542	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51667
3543	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51668
3544	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51669
3545	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51670
3546	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51671
3547	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51672
3548	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51673
3549	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51674
3550	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51675
3551	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51676
3552	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51677
3553	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51678
3554	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51679
3555	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51680
3556	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51681
3557	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51682
3558	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51683
3559	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51684
3560	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51685
3561	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51686
3562	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	209.87.209.100	2	2-Standard		51687
3563	2Apr2015	16:22:43	gfw	UDP domain-udp	10.22.22.10	00905333144490	dns-sever	1	1-Standard		51505
3564	2Apr2015	16:22:43	gfw	UDP domain-udp	10.22.22.10	00905333144490	dns-sever	1	1-Standard		51222
3565	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	94.31.29.154.IPIX-0...	2	2-Standard		51688
3566	2Apr2015	16:22:43	gfw	TCP http	10.22.22.10	00905333144490	ord31s22-in-f10.1e...	2	2-Standard		51689
3567	2Apr2015	16:22:45	gfw	UDP domain-udp	10.22.22.10	00905333144490	dns-sever	1	1-Standard		61363
3568	2Apr2015	16:22:45	gfw	TCP http	10.22.22.10	00905333144490	149.3.176.187	2	2-Standard		51690
3569	2Apr2015	16:22:45	gfw	UDP domain-udp	10.22.22.10	00905333144490	dns-sever	1	1-Standard		58135
3570	2Apr2015	16:22:45	gfw	UDP domain-udp	10.22.22.10	00905333144490	dns-sever	1	1-Standard		49440
3571	2Apr2015	16:22:45	gfw	TCP http	10.22.22.10	00905333144490	ord08s11-in-f31.1e...	2	2-Standard		51692
3572	2Apr2015	16:22:45	gfw	TCP https	10.22.22.10	00905333144490	muc03s14-in-f8.1e1...	2	2-Standard		51693

Ready

Total records in file: 3624

Track Logs: Read/Write

# LOG DETAILS - GATEWAY



Record Details

Previous Next Copy Details

Identity Awareness  
Log In

Severity

Log Info	
Product	Identity Awareness
Date	2Apr2015
Time	16:22:41
Number	3538
Type	Log
Origin	gfw

Log In	
Action	Log In
Authentication Status	Successful Login
Authentication Method	User and Password Authentication
Description	---
Identity Source	Captive Portal

Traffic	
Source	10.22.22.10
	00905333144490
Service	---
Protocol	---
Interface	---
Source Port	---

User Information	
Source User Group	All Users; hotspot-guest
Source Machine Group	---
Associated Roles	hotspot-authentication

More	
Client Name	Identity Awareness Captive Portal
Client Version	R77
Product Family	Network
Information	---

Record Details

Previous Next Copy Details

Security Gateway/Management

Log Info	
Product	Security Gateway/Management
Date	2Apr2015
Time	16:22:43
Number	3542
Type	Log
Origin	gfw

Rule	
Action	Accept
Rule	2
Current Rule Number	2-Standard
Rule Name	---
User	00905333144490

Traffic	
Source	10.22.22.10
	00905333144490
Destination	209.87.209.100
Service	http (80)
Protocol	TCP tcp
Interface	eth1
Source Port	51667

Policy	
Policy Name	Standard
Policy Date	Thu Apr 02 13:18:22 2015
Policy Management	gfw

More	
Rule UID	{14FE69ED-E791-424D-BC09-069C634E05EB}
NAT rule number	4
NAT additional rule number	1
XlateSrc	gfw (172.22.22.100)
XlateSPort	35005
Session ID	e4fd47ea
Product Family	Network
Information	inzone: Internal outzone: External service_id: http

# REFERENCES

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- Banking companies
- Insurance and Financial companies
- Shopping malls
- Retail companies
- Big enterprises (holding companies) with central deployment
- MSSP provider (solution provided as a central service to it's customers)



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