Connecting BYOD Devices to the Heathfield Network

Rev. 03



Introduction

BYOD (Bring Your Own Device) is a new feature of the Heathfield network which allows you to connect your device using your login credentials. The device will then be remembered for future automatic connection, even after being powered off.

This system is for: ALL phones, ALL personal laptops and ALL personal tablets. Do not use it for School laptops or tablets.

1. Step **1**: Connect to the Wi-Fi

Go to your Wi-Fi settings and connect to 'heathfieldBYOD' (do not use 'heathfield' for BYOD).



Windows 10

2. Step **2**: Authenticate

Enter your username and password and Sign in / Join / Connect.



Mac OS X

If you're asked, Accept or Trust the certificate presented (from server BERLIN). Android will not ask this question.





3. Step **G**: Install the Security Certificate (if necessary)

Install the security certificate, if you cannot access secure sites with a padlock (i.e. Google or shopping baskets), by browsing to <u>http://10.1.0.1/getmitm</u> and clicking Download Certificate. Proceed with the instructions to install and trust the certificate.

anna a tha u all	●0000 OZ-UK ·奈·	15.21	• /4/s		1	4.50	
UTTPS Intercontion		10.1.0.1	C	~		4:59	
This system is configured to use HTTPS Interception.	emoethwall			10 1 0 1/modules/quardi	Π	:	
or this to work your device may require an additional equity certificate to avoid problems with HTTPS sites	HTTPS Interception			10.1.0.1/module3/guardi		•	
a particular those with HSTS or HTTPS certificate	This system is configuration and HTDE Simulation and HTDE Simulation and HTDE sizes, in particular two	eroration. For binits work your device may may te an addition with HSTS or HTTPS coefficies plenters.	ional executity contributes to avoid	smoothwall			
, and the second s				HTTPS Interception		_	
		VNLOAD Certific	cate	This system is configured to use HTTF Interception. For this to work your devi require an additional security certificat	PS ice may te to avoid		
Internet Explorer	Internet Explorer			problems with HTTPS sites, in particul	ar those with	n	
Chrome (Windows)	Chrome (Windows)	1		HSTS or HTTPS certificate pinning.		_	
Eirefex (Mindows)	* Safari (OS X)					_	
Seferi (OS X)	• iPad, iPhone, iPod,	iOS (Safari)			ate	_	
	Android (Chrome)	me08				_	
Pad, Phone, Pod, IOS (Safari)	Chromebook, Chro	meOS		Internet Explorer		_	
Android (Chrome)				Charges (Windows)			
Chromebook, ChromeOS				Chrome (Windows)			
				Firefox (Windows)		-	
				Safari (OS X)			
				iPad, iPhone, iPod, iOS (Safar	ri)		
				Android (Chrome)			
				[*] Chromebook, ChromeOS		_	
ひ 10.1.0.1/modules/guardia Ш ····	$\langle \rangle$	rft (n a				
▷ 10.1.0.1/modules/guardia □□ ···· ← ■ ● ● W/indows Phone ● ●	$\langle \rangle$	Ê (р <u>с</u>	Android			
Image: Non-State State	$\langle \rangle$	iOS	Д <u>С</u>	Android			
Image: Non-Angle of State Sta	< >	€ iOS		Android	_		
Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State Image: Non-Weight State	< > * * * *			Android		∴ x =	· Z
Image: Non-Arrow of the state of the st	© 8 • • •	iOS • erep moss q = • o = r		Android			- 12
10.1.0.1/modules/guardi: <td< td=""><td></td><td>iOS • erep modess q = 0 = r</td><td></td><td>Android</td><td></td><td> ★ =</td><td>- 12</td></td<>		iOS • erep modess q = 0 = r		Android		★ =	- 12
International control of the second	© C • •	• 4460 Thodasa Q = 0 = 0 = 1		Android	require an additiona		- 🛛
10.1.0.1/modules/guardie 10 10.1.0.1/modules/guardie 10				Android	roquine an additiona	iii ☆ =	- X
10.1.0.1/modules/guardie 10.1.0.1/mo				Android	toguio an addiona	i ☆ = =	: X
10.1.0.1/modules/guardie 10.1.0.1/modules/guardie	ang ruga na aktitical kansh yanhiga ta anti			Android Audio Androi	roquine an additiona	i socuty cotificato b	- X
10.1.0.1/modules/guardie 10.1.0.1/mo			C → C ← MITHS interruption ← → C ← SM HTTTI This splane - Inter - Chris	Android	roquira an additiona	i socurity contificato to	- X
	© C • •		Intervention Con	Android	roguine an additiona	I socuity confidents to	- X
10.1.0.1/modules/guardie 10 10.1.0.1/modules/guardie 10	C • •		■ utilité inserreption ← → ℃ 6 SM HTTII Tris gant ■ Inter ■ Inter ■ Safa	Android	roquio an addiiona	i seaulty cottikate lo	- X
10.1.0.1/modules/guardie 10.1.0.1/mo			■ HTTPS interreption ← → ○ 6 SMM HTTPI This pack proteins ■ Inter ■ Safa ■ Safa ■ Pack	Android And	roquia an addiona	security certificatie to	- X
			■ HTTPS interreption ← → ○ ← S HTTPS → Inter → Chin → Fire → Safa → Inter → Safa → Inter → Safa → Inter	Android And	roguia an addiona	Security continents to	- X
			■ Intervention ← → ○ 6 SM HTTI To speke ● Inter ● Safa ● Inter ● Safa ● Inter ● Safa ● Inter ● Safa ● Inter ● Safa ● Inter ● Safa ● Intervention ● Safa	Android	require an additiona	i socurity contificate to	avoid

Android will ask you to name the certificate. Set the Credential use to Wi-Fi.



In iOS 10.3 and later, when you manually install a certificate, that certificate is not automatically trusted. You must manually turn on trust for SSL. To turn on SSL trust for that certificate, go to Settings > General > About > Certificate Trust Settings. Under "Enable full trust for root certificates," turn on trust for the certificate.

vodafone UK 🗢 08:16	🕇 🖇 98% ෩
About Certificate Trust Settin	igs
Tool Oliver Mercine	0040400400
Trust Store version	2016102100
ENABLE FULL TRUST FOR ROOT CERTIFICA	TES
smoothwall.heathfieldstmarys.net	
VeriSign Class 3 Public Primary Ce	rtifica
Learn more about trusted certificates	

4. Step **④:** Start Browsing

You should be able to browse the Internet now, including secure sites like Google (look for the padlock). Your device will normally be remembered, although very occasionally you may be asked for your credentials again.



5. Troubleshooting if Browsing Fails

If your device says it is connected to heathfieldBYOD but browsing fails, or you get a Smoothwall block page saying "unauthenticated IPs", then reset your wi-fi connection. This is done typically by Disconnecting and Connecting or switching wi-fi Off and back On again. It should reconnect without asking for authentication details again.





Mac OS X

Windows 10