

M1XEP and Gmail

Introduction

This tech note will help enable the correct settings to allow Gmail to work with the M1XEP (Ethernet module)

In an effort to improve the security of Gmail accounts, Google has decided to begin requiring email clients to authenticate using a protocol called oAuth. oAuth is a relatively new protocol. It requires the client to use a web browser to log into the Google account, or to at least use web browser protocols.

The M1XEP does not include a web browser, nor the protocols for it. It really makes no sense for it to, because it is not a PC or smartphone. In other words, you can't browse the Internet with an M1XEP.

Fortunately, Google has provided a means to set your Gmail account to allow devices like the M1XEP to log in using other secure protocols like TLS and CRAM-MD5. Google calls this a "less secure" method, but that is only marketing hype. Those methods are still in use by all other email providers today, and will be for a very long time to come.

To change your Gmail account settings to allow the M1XEP to log in and send email, follow the directions here:

<https://support.google.com/accounts/answer/185833>

After clicking the first link provided, click "How to generate an App password", then click "Visit your App passwords page." Log into your google account if prompted. You may receive a message saying "The setting you are looking for is not available for your account" In that case, click "Show all account settings." Under "Sign-in & security," click "Connected apps & sites." Locate the box that says, "Allow less secure apps" and turn it ON. Verify your gmail settings in the M1XEP and try sending an email again.

For more information on the changes Google is making, read this article:

<http://googleonlinesecurity.blogspot.co.uk/2014/04/new-security-measures-will-affect-older.html>

Additional Information:

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