

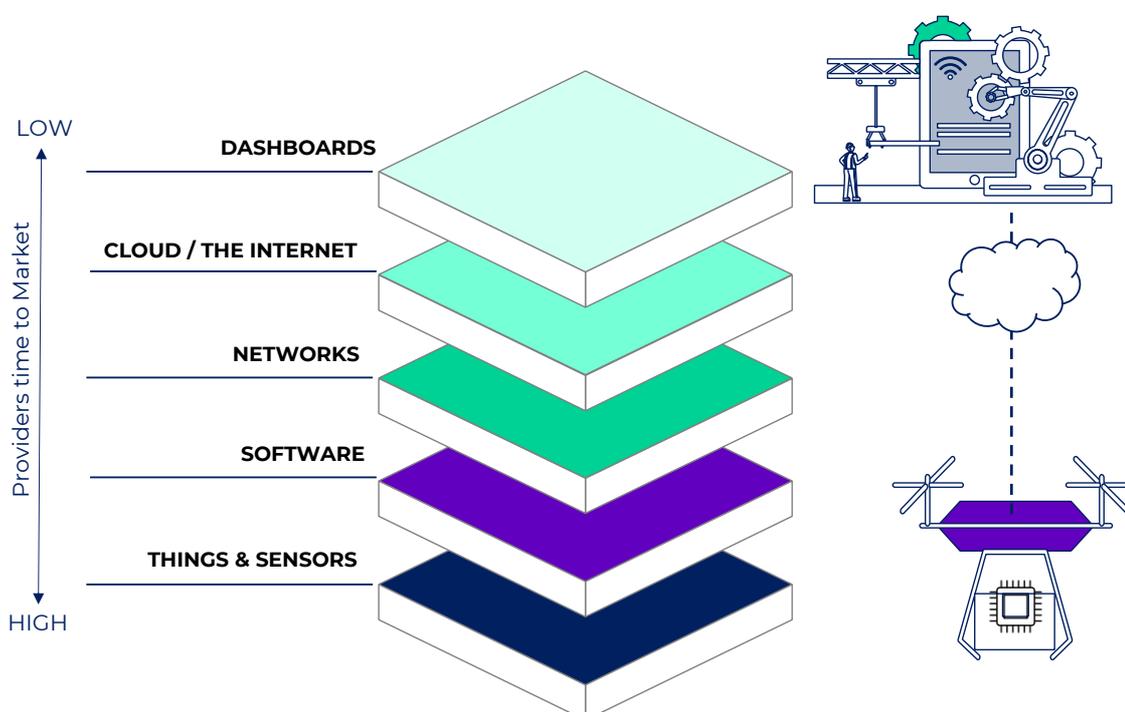


Which Device Cloud is right for me?

Every connected Thing needs a Cloud. That's a fact.

If you are unsure of what we mean, read on.

The Cloud is the IoT Stack level, that sits just above the Network element and sometimes just below the Dashboard. Some of the boundaries are blurred and sometimes the Device Cloud also has Dashboards. We think it's the engine and the control centre that enables you to set up, develop and manage your connected Things. And a whole lot more.



There are different Clouds out there. In fact, some analysts say there are over 500 of them...so there is choice. They vary from Dashboards pretending to be Clouds to Clouds pretending to be Dashboards and everything else you can think of in that space.

What is a real Device Cloud ?

Well, if you ask us, we believe a real Device Cloud is an amalgamation of Device and Data supporting elements. It includes the underlying infrastructure, servers, and storage, needed for real-time operations, processing and a whole load of Device, network and data management software.

It's all put in place to supports IoT devices and applications to help the right data flow to either the top of a Dashboard from where people can make intelligent decisions or into an automation process that makes everything smart and autonomous.

#developingthefuture



As we said, there's a sea of platforms out there but we think we have one of the better and more cost-effective ones. If you think so too, you should look at the great set of options you have for use of our Device Cloud.

1. using Pybytes as is from <http://pybytes.pycom.io>
2. using a Pycom hosted version of the Device Cloud re-branded for your business
3. using an on-premise version of the Device Cloud, re-branded and maintained by Pycom
4. using APIs to your own dashboard
5. A bespoke set up that matches your business needs.

Option 1: Using Pybytes on Pycom.com

This is super straight forward. You login on [Pybytes.pycom.io](http://pybytes.pycom.io) to set up an account. Start connecting your devices in minutes.

CTA: Don't forget to download the Pybytes mobile app. It makes connecting so much easier.

Link:

Option 2: Platform as a Service

This is where you take everything we've created in our powerful Device Cloud and slap your own seamless branding experience on top. You will deliver all Device Cloud services to your customers while Pycom does most of the hard work under the bonnet. In this option, Pycom hosts and maintains the platform for you.

This option is for you if you need quick time to market, already have much of your IoT solution sorted but don't want to spend time, effort and money developing your own bespoke Cloud solution.

Option 3: Platform as a Service on Premise

Take our Device Cloud, add your branding and host it yourself. You will be able to deliver all Device Cloud services to your customers while Pycom maintains your platform with periodic updates. Day-to-day you're in charge.

In this option, you are hosting and maintain the platform for your customers.

This option is for you if you need quick time to market, already have much of your IoT solution sorted, don't want to spend time, effort and money developing your own bespoke Cloud solution but need to keep your data in a specific location.

Option 4: Using APIs for features and data



You've built your own awesome dashboard which is just what your customers need but you now need to add device, network and perhaps some data management to it. You can use our APIs to achieve that!

Pipe device and sensor data through Pybytes to your Dashboard using Pycom's APIs. Best of both worlds.

This option is clearly for you if you already have a Dashboard but just want extra features, device, network and data management and control services.

Option 5: A bespoke set up that matches your business needs.

You could always build it yourself from scratch.

But we don't think that is a good use of your time and effort. Besides, the Total Cost of Ownership is easily 3 times more than if you take a solution off the shelf. We have written an FAQ about what it takes to build a well-functioning Device Cloud. It's not trivial, takes years and even just thinking about recruiting the right development team is enough to give anyone a migraine. Take it from us. There's a better way to get a Device Cloud to your customers than starting from scratch.

If you're somewhere in between all the options and still wondering what the best option is for you, we get it. It can be a bit bewildering. Perhaps the best thing to do is adopt a staged approach. We can help with that too.

If the above is not exactly what you're looking for get in touch. We may be able to tailor a solution for you. Tell us what you need via email to sales@pycom.io