

| pipe |

**pipe connects the
Internet of Things**

**the Internet of Things must
be secure, private & simple**

**yet IoT developers lack both
security experience & tools**

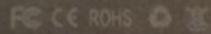
**so we offer a security toolkit:
an API with device code plus
branding & technical support**

licensing model: per unit pricing

**pairing an IoT device
could not be easier...**

**just open the browser
and snap the QR code**

Capacity 8000 mAh
Input: 5V 1A (MAX) Output: 5V 1A-2.0A (MAX)



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it's that simple

**strong cryptographic keys are
exchanged directly between
smartphone and IoT device**

**creating a direct encrypted
channel between devices**

**with no intermediary server
nor certification authorities**

we call it secure
proximity-based
identity pairing

**you own the device
so you have control**

you can lend it to someone
assigning them usage rights

or connect devices together

privacy is assured

and all the data passes securely
between smartphone & device

not via the cloud

**simply secure and
private, by design**

so how does it work?...

Technical Details

We use a proximity-based, visually verified key-exchange supporting a "trust on first use" model. Our (Patent filed) choice of token avoids the need for endpoints to consult a central identity database or keystore. The owner is in control of who is trusted with access to their device and data.

The strongly encrypted connectivity is provided by WebRTC, the cutting edge standard already present in 2Bn browser endpoints backed by Google, Microsoft and many others.

The Pipe SDK runs on the device where it acts as a dynamic firewall and p2p VPN. Only packets coming from a paired peer are accepted. No network ports are left open to scanning or intrusion. We use ICE (rfc5245) to navigate firewalls and find the most direct network path between the endpoints, which may just be the local WiFi network not via the internet. For the device developer, the Pipe SDK offers a simple Linux-friendly interface to integrate into their devices or hubs.

preparing to launch late Q4/16

Tim Panton

Founder/CTO

Tim invented the Pipe technology and filed the technical patents.

Prior to starting Pipe, he cofounded a web-based telephony company and subsequently sold the IPR to Tropo Inc., which was then acquired by Cisco. Before that, Tim was technical cofounder of Westpoint, a web security company recently acquired by Capita.

Tim writes all the Pipe software and manages product development and - leveraging all this experience - he helps define WebRTC standards at the W3C and IETF.

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A black and white photograph of two men from the chest up. They are both wearing dark, pinstripe suits over dark shirts. The man on the left has grey hair and is looking down. The man on the right has blonde hair and is looking directly at the camera.

Simon Hossell

Founder/CEO

Simon is also a seasoned telecoms entrepreneur, but his skills are business strategy, sales & marketing, finance, legal and media.

Previously Simon was CEO and Cofounder of a company offering unlimited P2P file transfer (also called Pipe, but now closed).

Before that he set up and ran European operations for Gracenote Inc., closing multi- million Euro software licensing and branding deals with large consumer electronics and automobile companies (e.g. Philips, Nokia, Sony Ericsson, VW, etc). Gracenote was acquired by Sony Corporation.

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