



NuvlaBox®: Edge Computing Solution

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Our products and services portfolio



SlipStream.

ANY APPLICATION IN ANY CLOUD

Supports DevOps, Big Data & Smart City strategies

Cost savings through automation

1-click application deployment

sixsq.com



NuvlaBox.

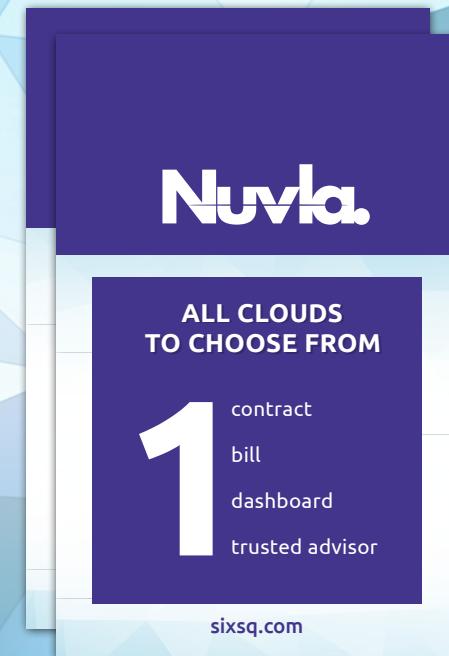
SIMPLE IT SOLUTION PRIVATE AND SECURE CLOUD

Plug and Play

Remote management & application update

The cloud where you need it

sixsq.com



Nuvla.

ALL CLOUDS TO CHOOSE FROM

1 contract
bill
dashboard
trusted advisor

sixsq.com



all the **consultancy**, **support** and **training** you need

Who uses our products and services?



T...Systems...



AtoS

CITRIX®

THALES

What people say about us?

“ SixSq delivers the type of fluid and secure cloud solutions for application deployment automation that are critical to successful businesses. ”



William Fellows, Analyst,
Research Vice President and
Co-founder, 451 Research

451 Research

**“ Using SlipStream is like driving a Tesla.
It's that good! ”**



Jurry de la Mar, Head of
International Sales, Public
Sector, T-Systems

T-Systems

In a Nutshell

- ▶ **Built-in security:** all communication is encrypted and deployments automated for increased security
- ▶ **Plug & Play device:** the NuvlaBox is pre-configured so the end user has to simply plug it in and it's operational
- ▶ **Single dashboard:** NuvlaBoxes can be controlled via simple multi-device web application
- ▶ **Remote updates** mean reduced costs. No need to send an engineer or expert on site to update hardware or software

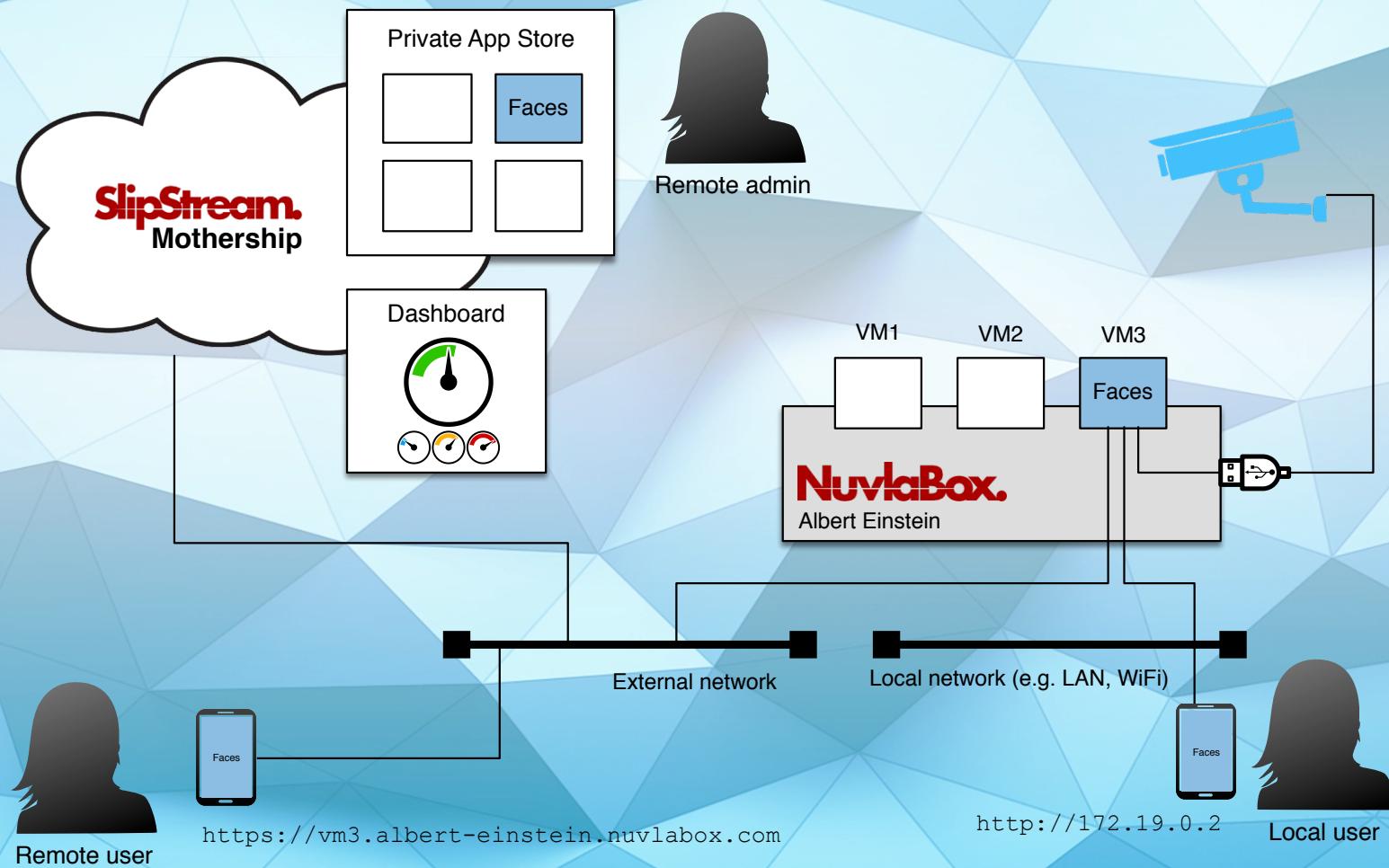
In a Nutshell (2)

- ▶ **Secure web access** to the apps running in your NuvlaBoxes
- ▶ Supports **hybrid cloud** deployment scenarios: workloads can be easily moved from private to public cloud giving flexibility and cost savings
- ▶ **Reliable local connectivity:** once powered up the NuvlaBox creates its own local WiFi network, which can be used by any device
- ▶ **Connectivity agnostic:** the NuvlaBox can be connected to the wide area network using a number of connectivity technologies, including Ethernet, mobile, WiFi and satellite

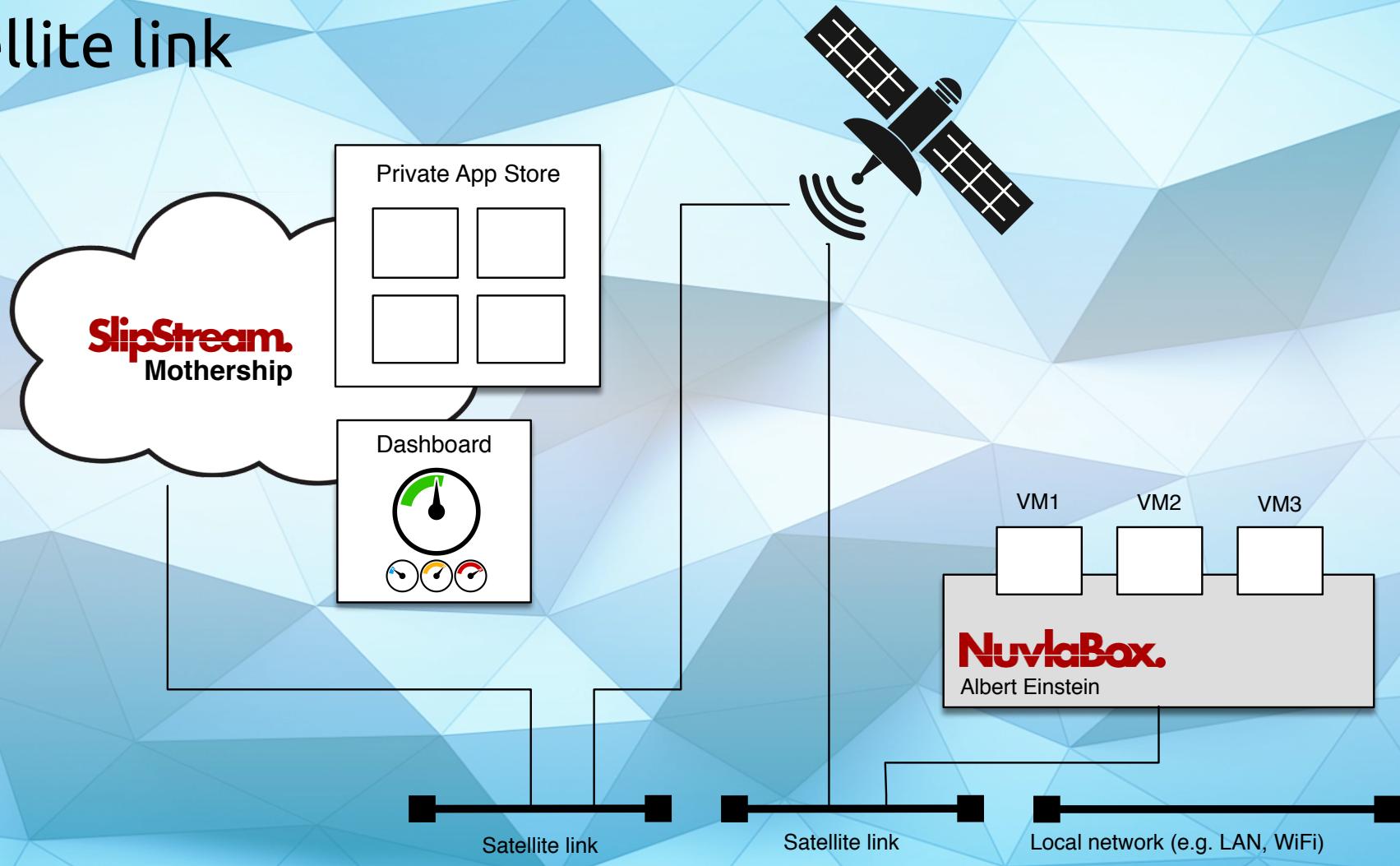
Use cases

- ▶ **Internet of Things and Sensor Aggregating:** used as an **edge computing platform**, NuvlaBox can optimise network utilisation, improve performance and **security**, while enabling innovation at **lower cost**
- ▶ **Field Operations with Agile Local Infrastructure:** off-sites operators can **remote manage** the local infrastructure, yet, when disconnected from the central service, the boxes can **operate autonomously**
- ▶ **Schools or Federation of Schools:** NuvlaBox radically simplifies management by **rationalising the hardware and automating software deployment**

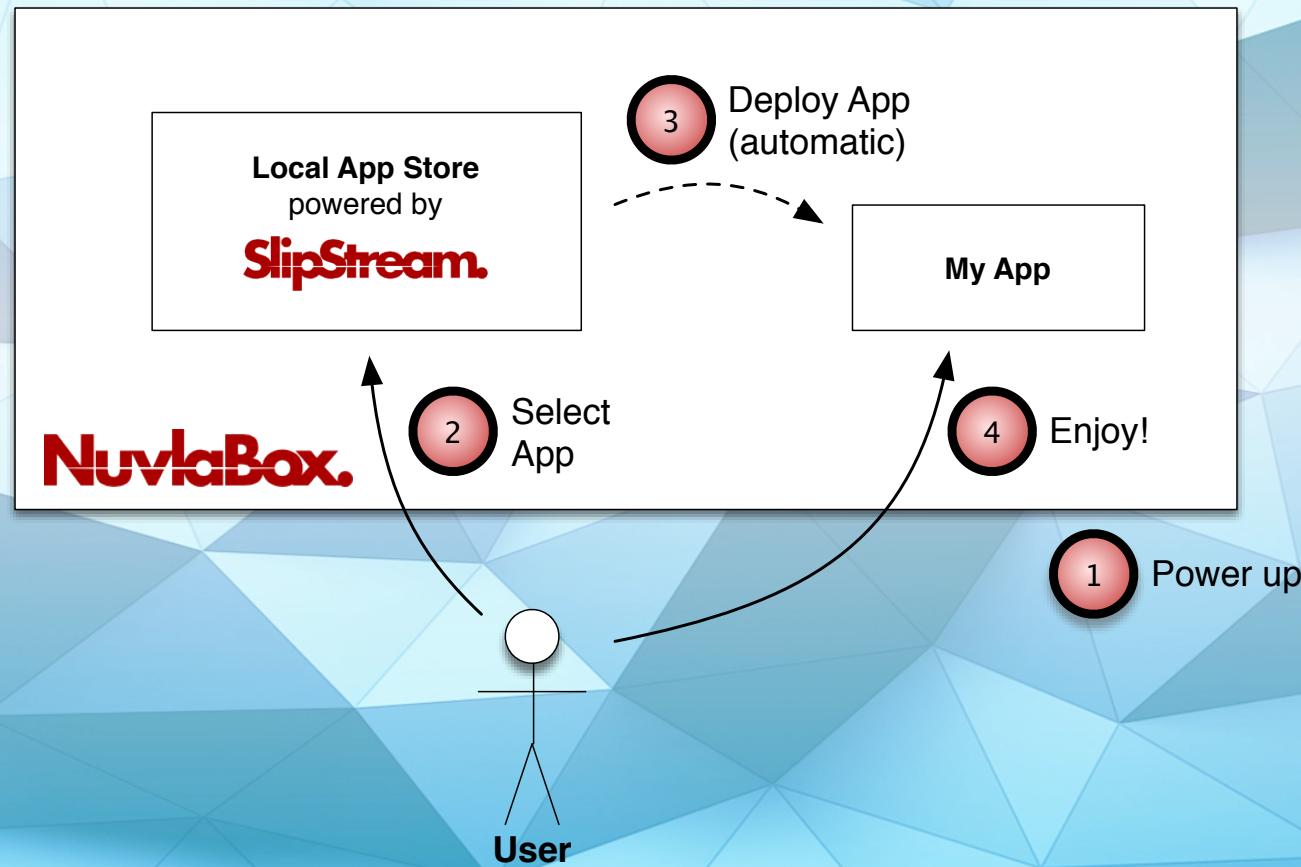
Faces application example



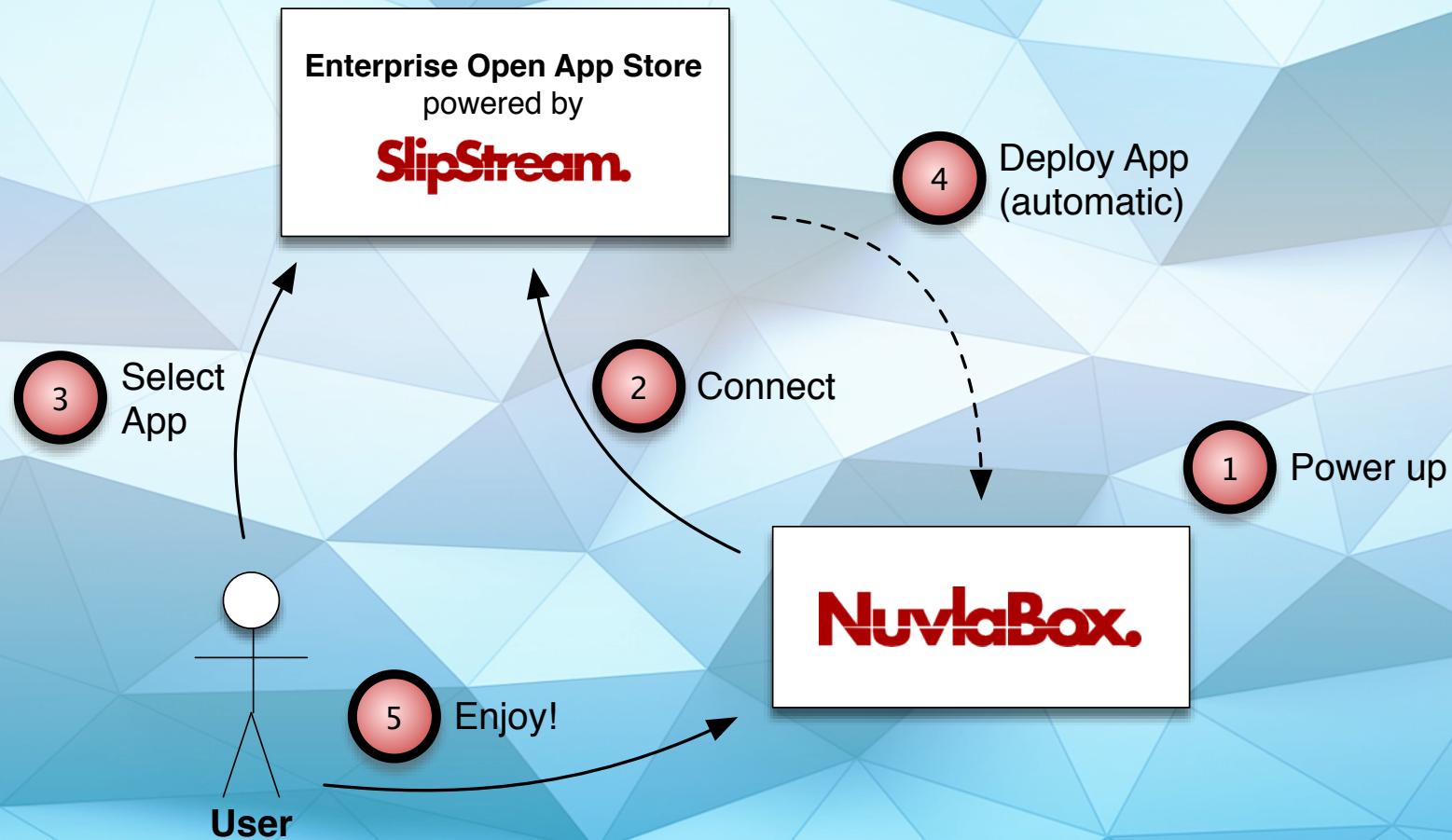
Satellite link



Standalone Operation



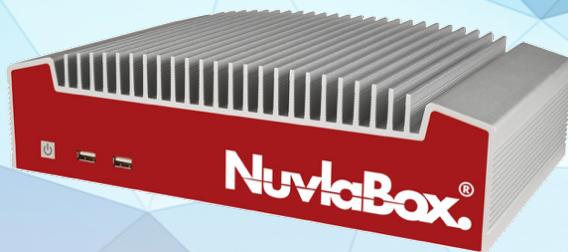
Remote Controlled Operation



NuvlaBox - Software Specification

- ▶ Open Source foundation
- ▶ OS: **CentOS**
- ▶ Cloud layer / IaaS: **OpenNebula** (incl. KVM)
- ▶ App Store / PaaS: **SlipStream**

NuvlaBox - Hardware Specification



NuvlaBox v2

- ▶ i5 Intel processor
- ▶ 16 GB RAM
- ▶ 240 GB SSD storage
- ▶ 120W ext. power supply
- ▶ WiFi (optional)
- ▶ 6 x of USB ports
- ▶ HDMI interface
- ▶ 2 x RJ-45 network adapter



NuvlaBox Mini

- ▶ Atom Intel processor
- ▶ 8 GB RAM
- ▶ 128 GB SSD storage
- ▶ 60W ext. power supply
- ▶ WiFi (optional)
- ▶ 6 x of USB ports
- ▶ HDMI interface
- ▶ 1 x RJ-45 network adapter



Thanks :-)
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