terra solutions
Industrial IoT

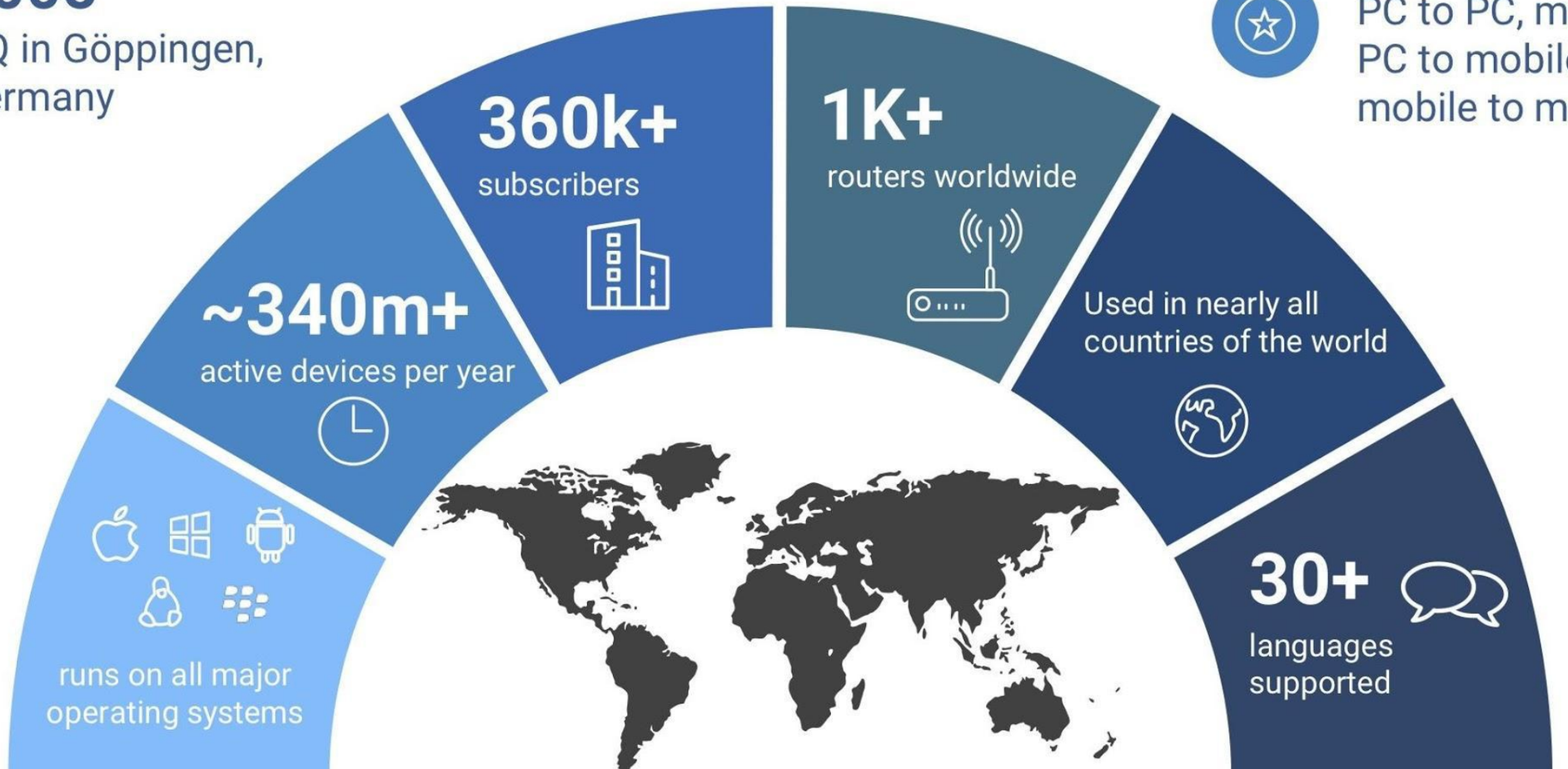
# TeamViewer IoT

# Company Facts

**~ 2bn** installations

Founded in
**2005**
HQ in Göppingen, Germany

**Multi-platform support**: PC to PC, mobile to PC, PC to mobile, and even mobile to mobile



# Continuously Expanding Use Cases

New use cases leveraging core hyper-connectivity technology

| Core business… | | …innovating and extending into new use cases | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Remote support | Remote access | Mobile Connectivity | Remote Work | Shared Workspace | Management & Monitoring | Enterprise SaaS | Internet of Things | Augmented Reality |

*"Where we started"*
**Majority of our revenues**

*"Where we have invested"*
**Drivers for growth**

The ability to remote into anything has moved from "nice-to-have" to "must-have";
in the future, no product will be exempt from remote connectivity

# Partner and Platform Investment

terra solutions

## OEM Partner

SAMSUNG
htc
ASUS
Panasonic
LG
ZTE中兴
SONY
lenovo
HUAWEI
PHILIPS

## Integration Partner

servicenow
zendesk
Microsoft Intune
Cherwell
IBM
LIVEPERSON
salesforce
Microsoft Dynamics 365
solarwinds
MobileIron

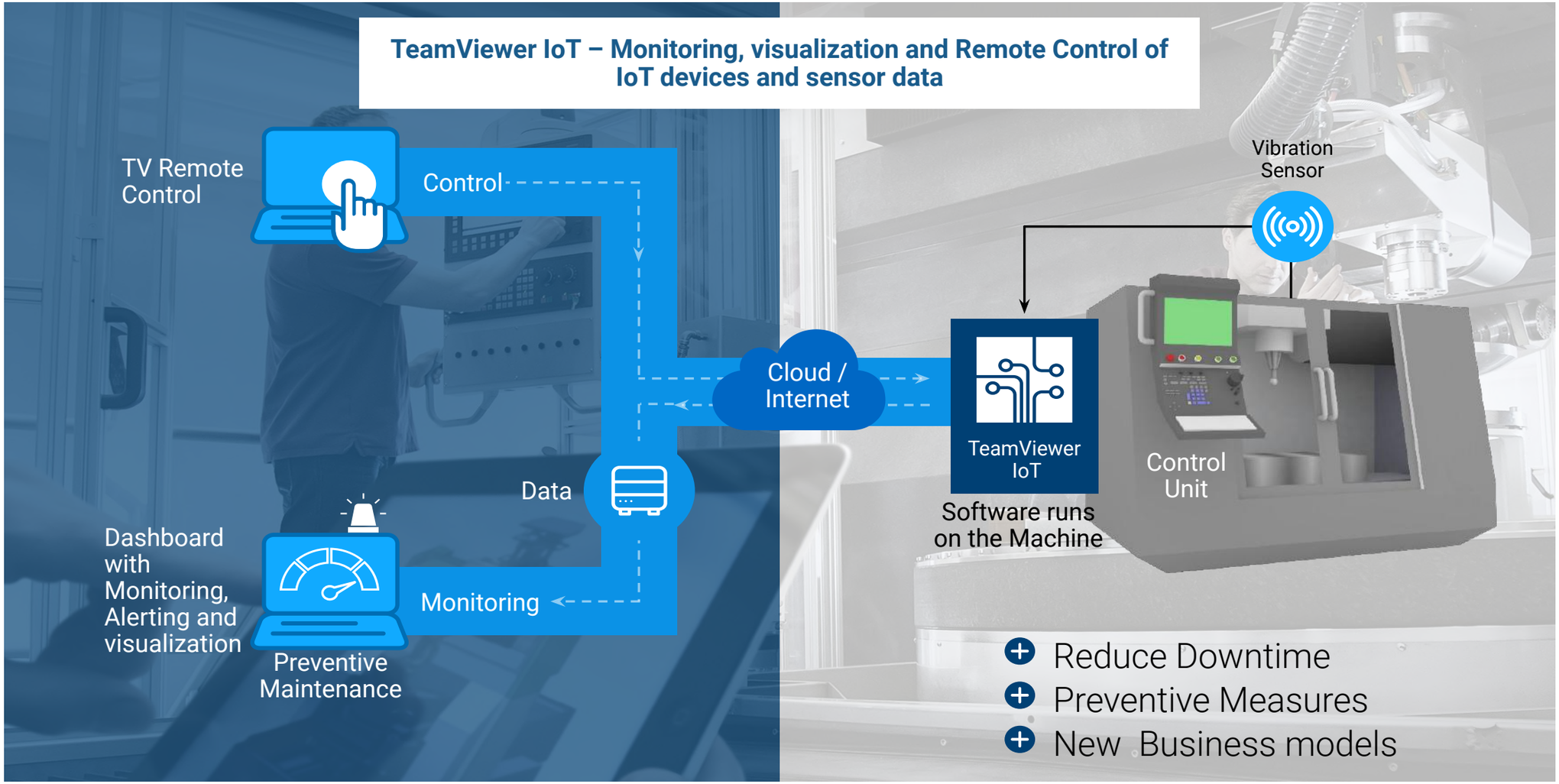
## Plattform Investment

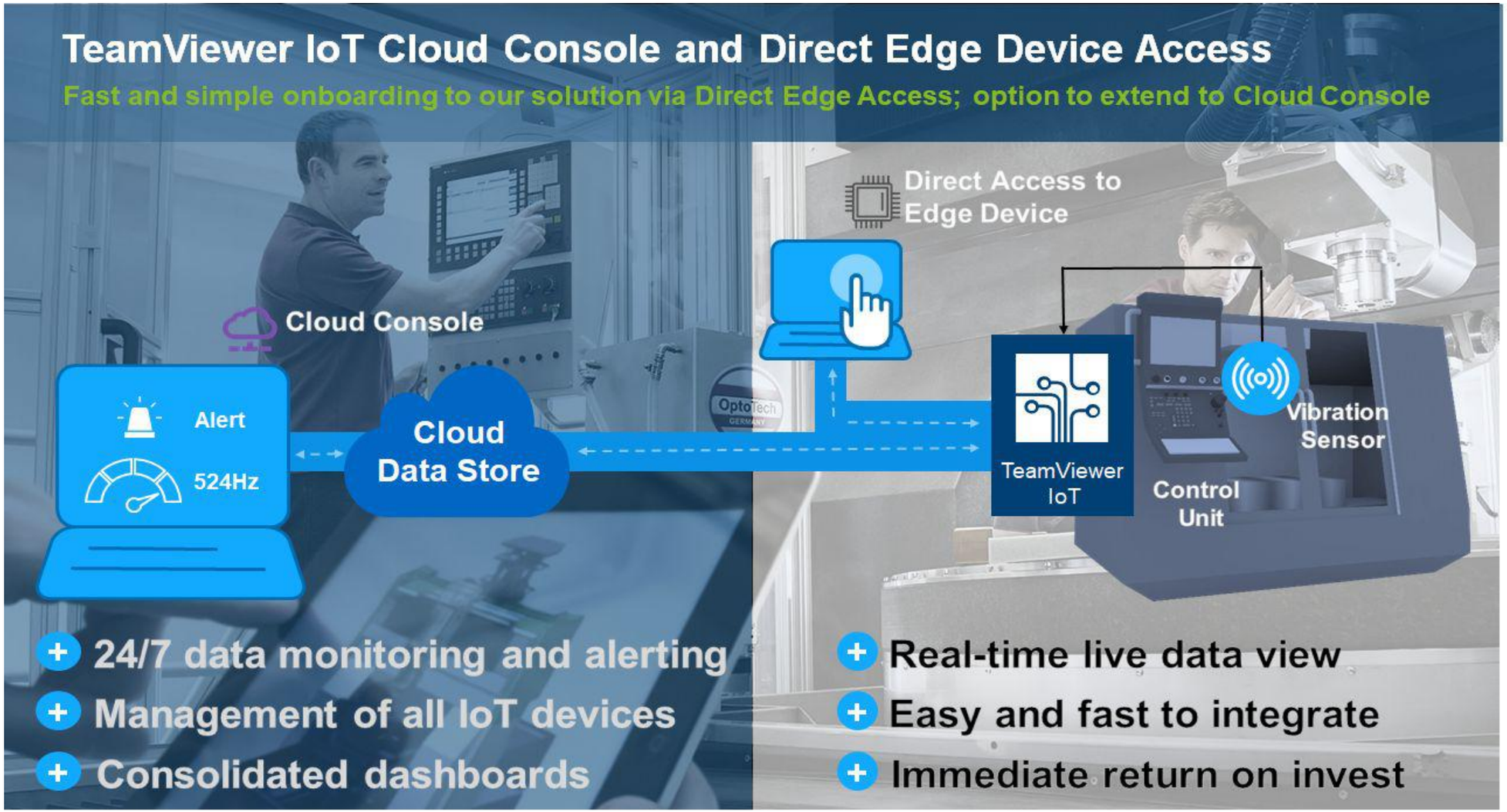
Microsoft
Alibaba Cloud
Google
BlackBerry

# We are connecting nearly everything

terra solutions

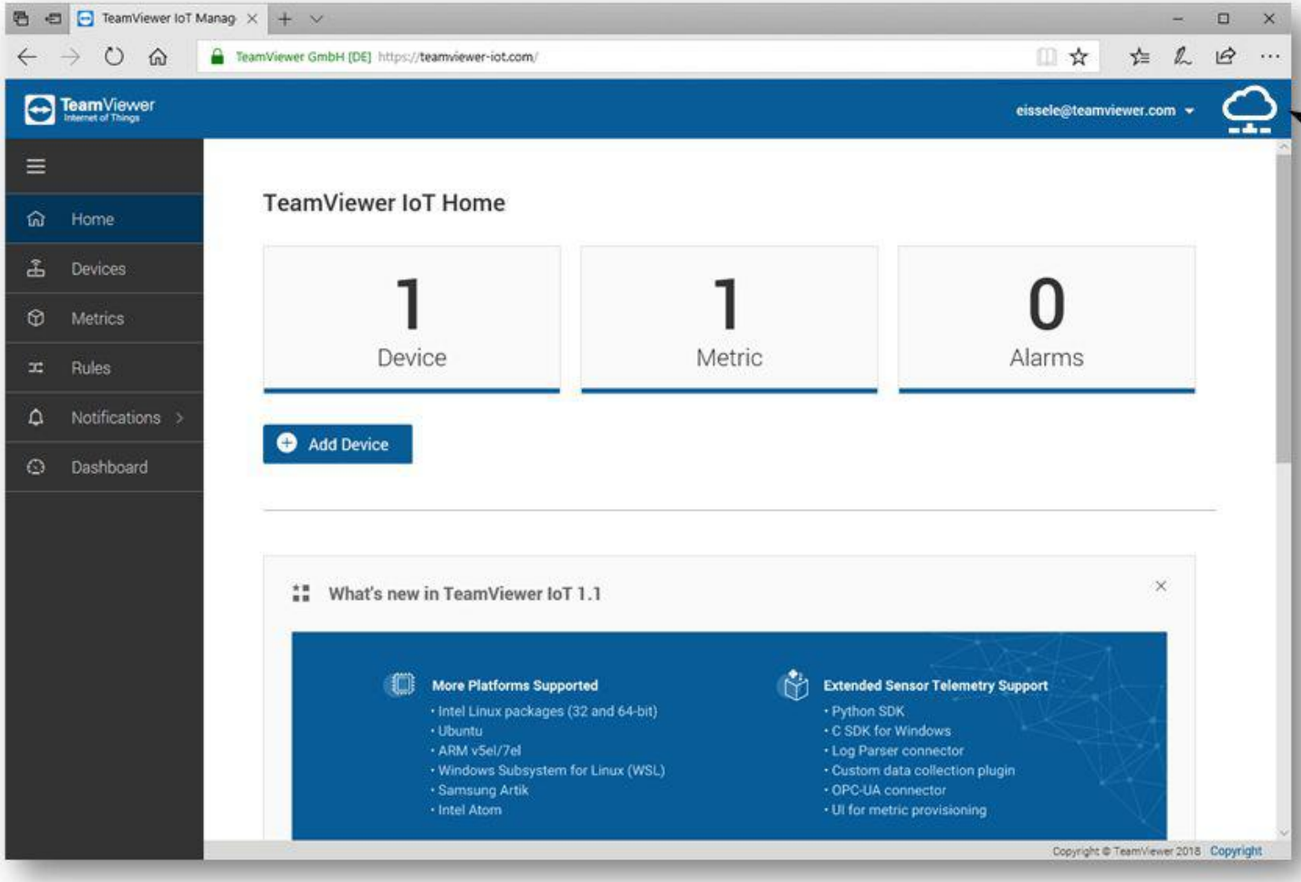
| | | | | | |
|---|---|---|---|---|---|
|  | Point of Sale | Smart Glasses | CNC Machines | Engine Tuning | Fitness Machines |
| Smart TVs | Microscopes | Fish Farms | Smart Farms | Triscopes | Irrigation |





# TeamViewer IoT Cloud Console

## Central console to manage and view all IoT devices

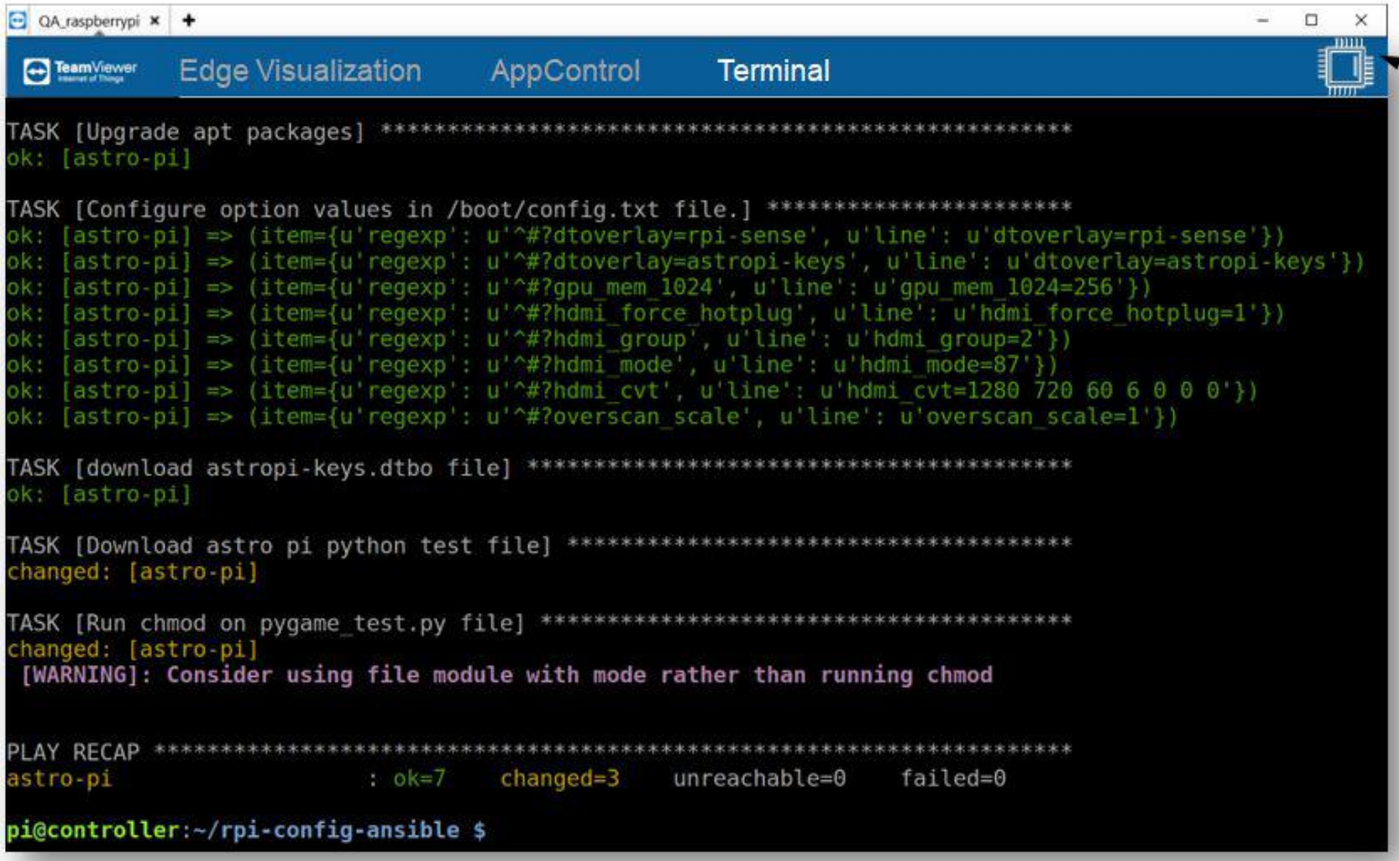



### Cloud Console

- Web based portal
- Device and sensor data management
- Rule and notification setup
- Data visualization on dashboards
- … and more

# TeamViewer IoT Direct Edge Access

## Low-level access to the device‘s shell is automatically embedded

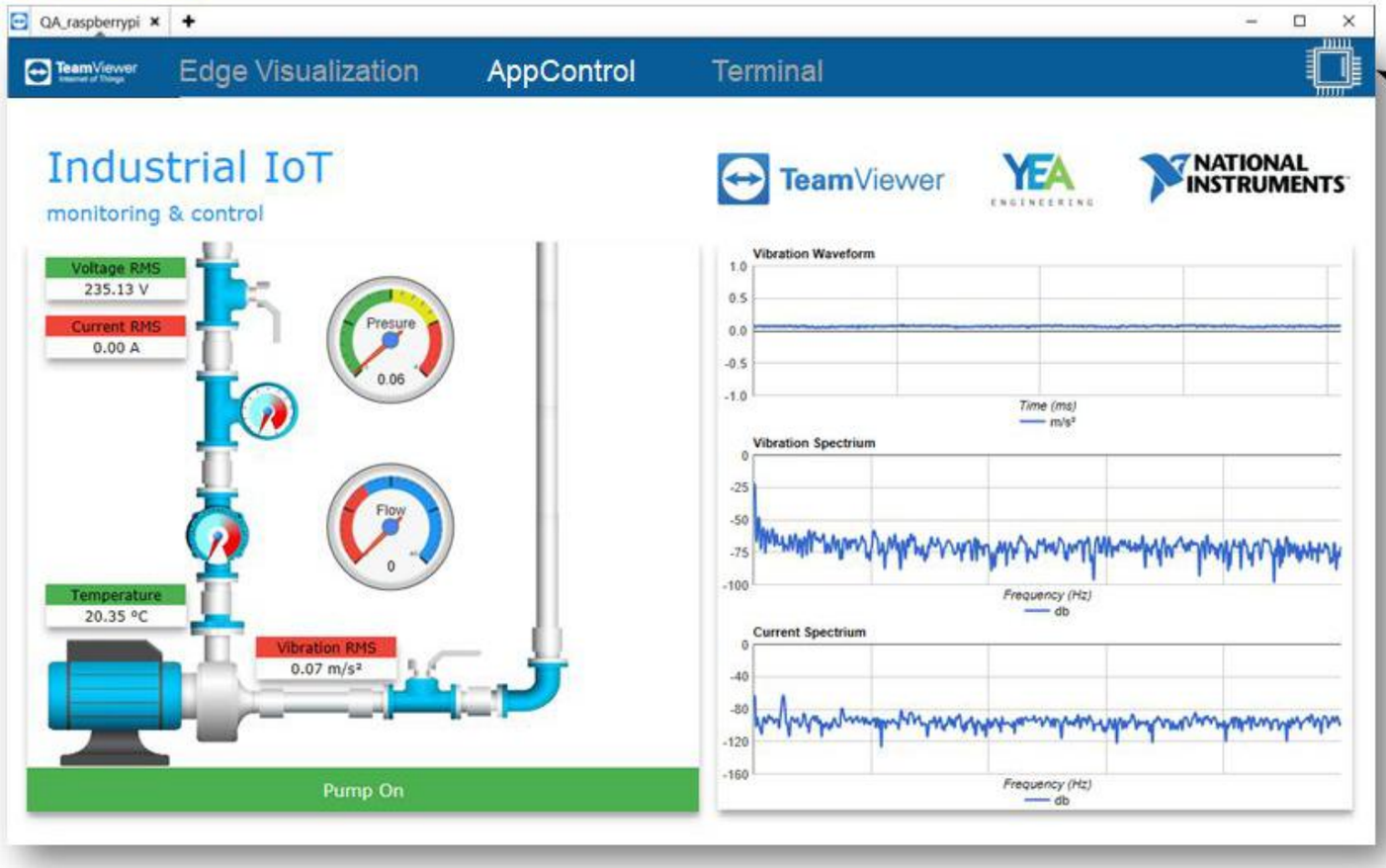



### Remote Edge Device

- Terminal offers secure, direct shell access
- Full flexibility to fix and maintain already deployed devices

# TeamViewer IoT Direct Edge Access

## The AppControl technology allows to securely access device hosted apps and UIs remotely



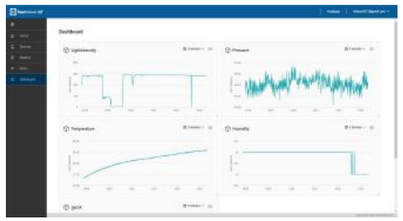

### Remote Edge Device

- AppControl offers customized apps on Edge Devices
- Easy and common HTML API
- Often, existing apps/UIs can be reused
- *Zero* development

# Device Classes Supported

## Reach into multiple tiers

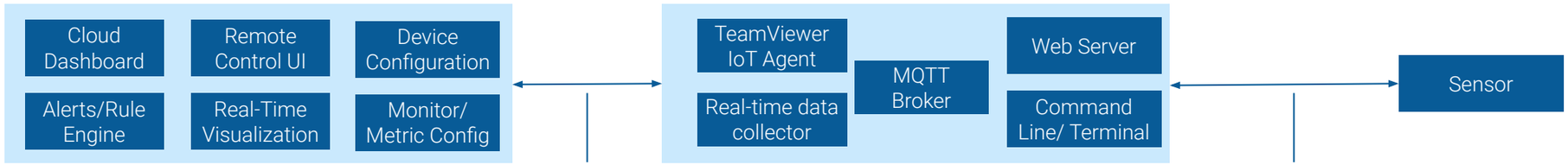
### Cloud



### Local Aggregation/ Complex Device (TV Endpoint)

### Sensor/Actuator

## TeamViewer IoT Functional Footprint




- Proprietary TeamViewer protocol – hyperconnectivity at scale

- MQTT
- OPC-UA

TeamViewer
Internet of Things

# Ready to use for attended or unattended IoT devices

### Remote Configuration

- Remote metric provisioning
- Auto detect nearby IoT devices

### Remote Control

- TeamViewer session (any device)
- Web App. Remote Access
- Remote Terminal access (CLI)
- Configurable Web Server port

### Alert Channel Management

- Notification management
- Email-based alerting
- Offline device notifications

### Real-time data visualization

- Real-time data streaming
- Remote control session
- IoT Cloud Dashboard

### Sensor Telemetry Support

- Python & C-for-Windows SDKs
- Log parser plugin
- OPC-UA plugin
- Custom data collection plugin

### Platforms Supported

- Raspberry Pi
- Intel Linux packages (32/64bit)
- ARM v5el/7el
- Windows for Linux (WSL)
- Samsung Artik
- Intel Atom

https://www.teamviewer.com/en/products/iot/