



**SINNEO**

苏州新络智能技术有限公司



*Why should SMEs invest in Industrial IoT?*

*中小企业为什么要投资工业物联网?*

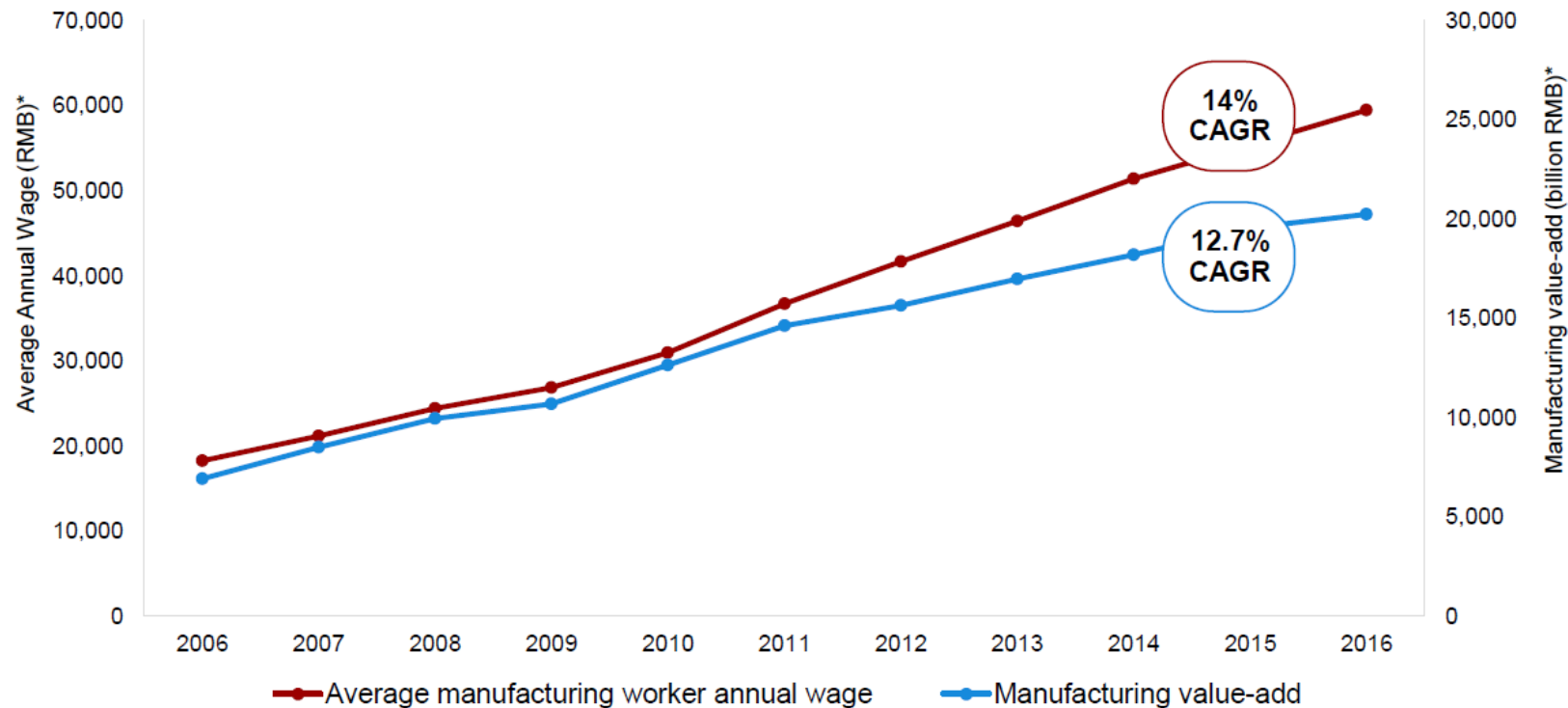
## What is Industrial IoT?

Internet of Things (IoT): is a computing concept that describes the idea of everyday physical objects being connected to the Internet and being able to identify themselves to other devices.

Industrial IoT (IIoT): is the use of Internet of Things technologies in manufacturing. Also known as the Industrial Internet.

# Why should SMEs invest in IIoT?

*Chinese manufacturing value-add is not keeping pace with labor costs*

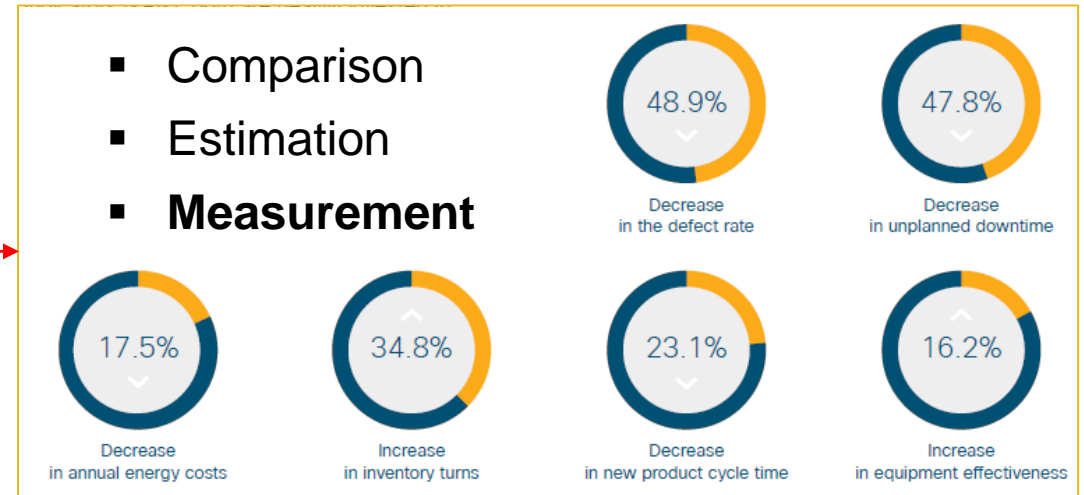
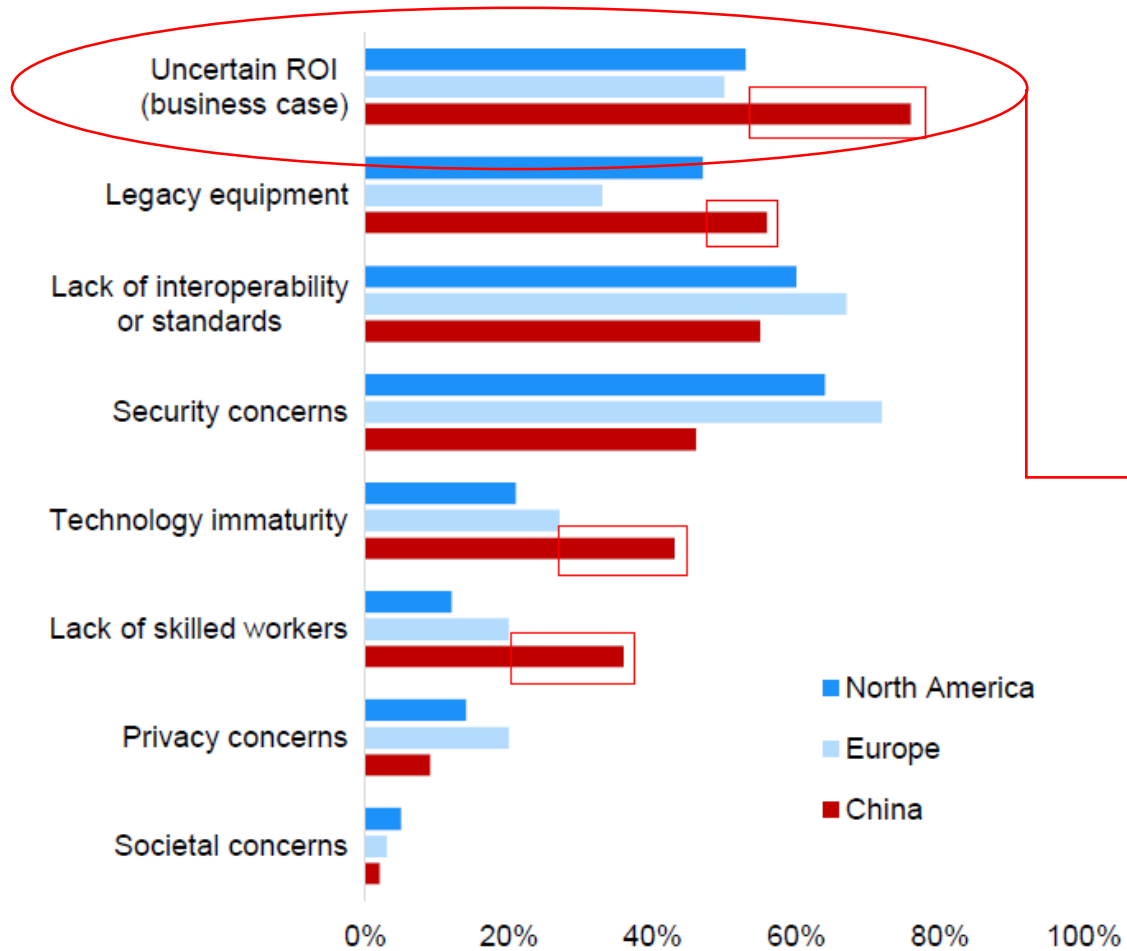


\*2015 prices

Source: China Statistical Yearbook 2017

The only way to **balance** increasing **labor costs** is **innovation**: improve **efficiency** and **quality**, and **reduce waste** by means of utilizing **production data**.

# Barriers to IIoT adoption



Cisco & MCM World: How the Internet of Things will Change Industry (2015)

Source: World Economic Forum Industrial Internet Survey, IoT ONE Industrial Survey (2016)

# ROI estimation by measurement

## OEE measurement with mobile data acquisition device

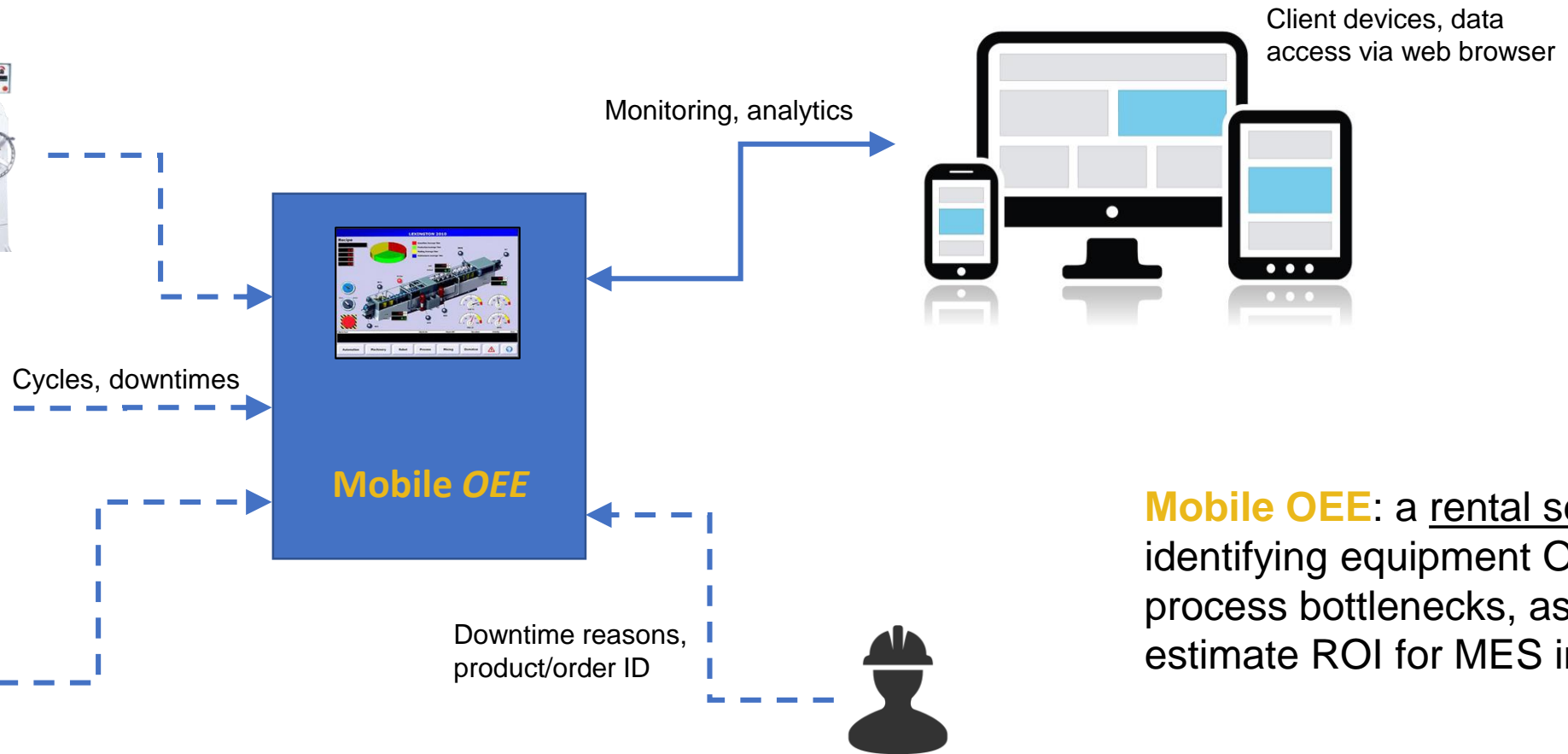
Thread rolling machine



Screw feeder



Handling robot

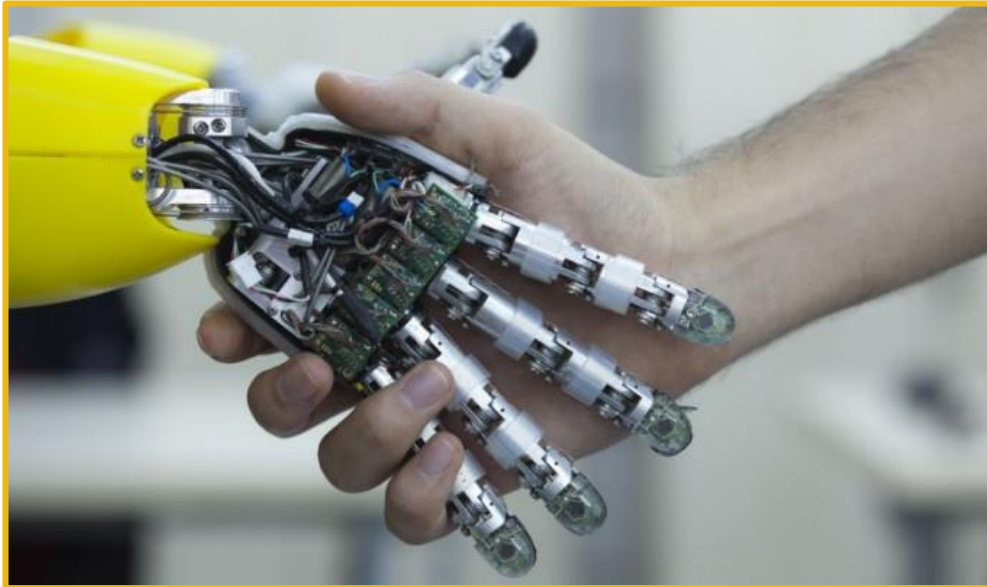


**Mobile OEE:** a rental service for identifying equipment OEE and process bottlenecks, as well as estimate ROI for MES investments.

## Takeaway for SMEs

We have already moved past asking the question of “when” smart manufacturing is coming. Now the only question is how fast you can adopt it.

# Thank You for your attention!



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