

MobilFlex™

***Making the promise of
IOT a reality for all***

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What we do



***High performance I/O sub-systems
for IOT and other I/O intensive environments***

*Our “LAN of Things” Co-Processors and Chipsets
enable systems integrators (MobilFlex included) to
build powerful, yet affordable edge systems*

MobilFlex = NVidia for I/O

MobilFlex = Nutanix for edge computing

Problem #1

Lack of infrastructure and interoperability on the last thirty yards

- *Internet infrastructure stops at the front door*
- *No direct M2M intercommunication possible*



We need “LAN of Things”

(unify data, entertainment, automation, “things”)



Problem #2

Lack of affordable compute and I/O processing power at the edge

Personal Devices

(PC, tablet, phone)

Affordable but not powerful enough

Business grade servers

(Nutanix, FlexPod, Simplivity)

Powerful enough but way too expensive



“A new product category is needed for the edge” - HPE

We need PDC – Personal Data Center



Our Solution

Improved x86 architecture

Make currently flat x86 a vertically layered architecture, with high degree of concurrency, flexibility and scalability - just like mainframes

We make this

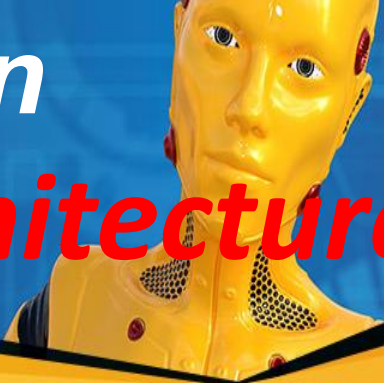


Into this

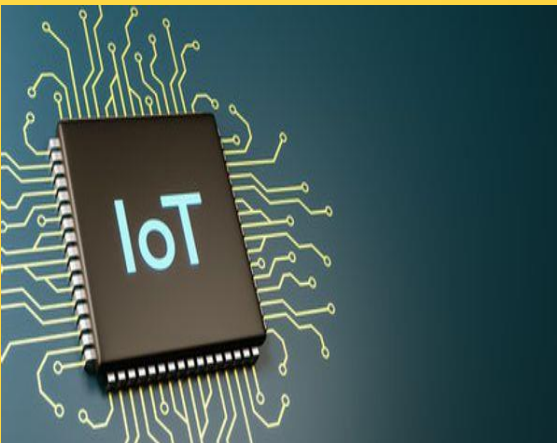


Our Solution

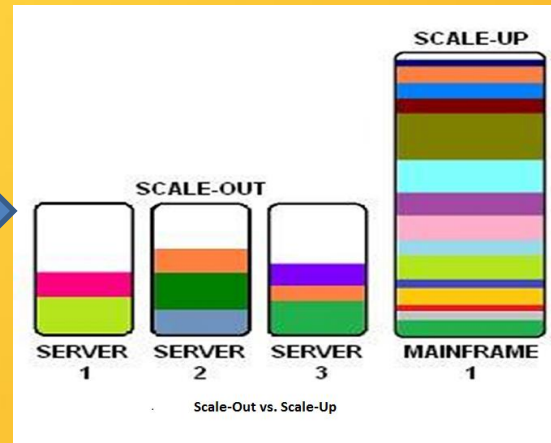
Improved x86 architecture



“LAN of Things” SOC **Base Product**



Improved (Scaled-Up) *x86 Architecture*



End Product - PDC *Personal Data Center*



- *Complete Infrastructure*
- *Eliminate I/O bottlenecks*
- *Offload main CPU*

Triple X86 performance

- *80% more compute power*
- *16 M2M concurrent I/O*
- *No BOM increase*

Powerful edge system
at the price of a Mac
Starting at \$1,500

Our “Secret Sauce”

Our (proven) ability to make a “drivable Bugatti” from a pile of “Lego pieces”

And yes, we do have some patents and many more will come



PDC - Use Case

Consumer Version

- *PC replacement for the entire family to enjoy*

Comercial Version

- *Ideal for small businesses and remote/back offices*

Edge HPI System

- *Modern version of once successful mini-systems*



New user experiences

Interoperability, Mobility and Flexibility

Work from anywhere like you were in front of the monitor

Use any TV, walls or any other surface as display

Control electronic appliances by pointing at them

No more passwords

- *use your biometrics*

No keyboard needed

- *just talk to it*

