



Business Computing:
Intel vPro Platform

**Security with Intel Authenicate** 

**Collaboration with Intel Unite** 



# Making the Modern Workplace a Reality



Redefining Devices



Unified Endpoint management



Hardware-Hardened Security



Modern
Workplace
Collaboration



# **Business Computing by Intel**

**Executive Summary** 

1. Computing endpoints are vital to business transformation



The devices people use matter

2. A more secure and productive workplace is within reach



A comprehensive portfolio



INTEL COMPUTING INNOVATIONS MEET MODERN BUSINESS DEMANDS



### THE INTEL® ∨PRO™ PLATFORM

The Foundation for Business Computing

The Intel® vPro™ platform is a set of hardware, technologies and solutions utilized to build business-ready computers

#### **Built for business**

Systems enabled with features that enable, accelerate or complement Windows\* 10 Pro/Enterprise

#### **Broad market support**

Over 100 new systems every year from top manufacturers

#### **Verification program**

Formal brand requirements and testing program to verify functionality

MORE INFO at intel.com/vpro

# Performance **≡ ©**



**SECURITY** 

Headroom for the workflows of tomorrow



Hardware enhanced protection

Validated desktop and mobile platforms



Manage costs through advanced maintenance

Stability







# Intel® Optane™ Technology Configuration for Mobile and Desktop Platforms



# Intel<sup>®</sup> Optane™ Memory

System Responsiveness, M.2

"... a HUGE impact when coupled with a low-cost, high-capacity SATA Drive ..."

→ Proclockers Intel® Optane™ memory review, 11/6/2017¹

"We love simple and affordable solutions that offer massive performance increases, and that would be Intel Optane Memory."

DRAM

→ Legit Reviews Intel® Optane™ memory review, 5/11/2018²



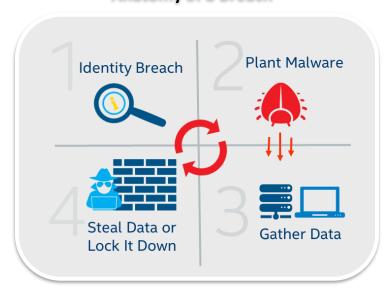
 $<sup>1. \</sup> https://proclockers.com/reviews/memory/intel-optane-m2-2280-32gb-pcie-nvme-30-x2-memory-module-review and the state of the state$ 

 $<sup>2.\</sup> http://www.legitreviews.com/intel-optane-memory-tested-with-secondary-hard-drive\_205254$ 

<sup>\*</sup>Other names and brands may be claimed as the property of others.

# **Intel's Security Strategy**

#### **Anatomy of a Breach**



Threat



**CIO/CISO** priorities:

Behavioral Threat Detection and Prevention

Data

Identity



**Protection from Data Theft** 





Multi-Factor Authentication (MFA) (stronger access protection)

Recovery



Quick Reset/Recovery to Known Configuration

#### **Secure Platform Foundation**

(Rooted in the Hardware for best protection)

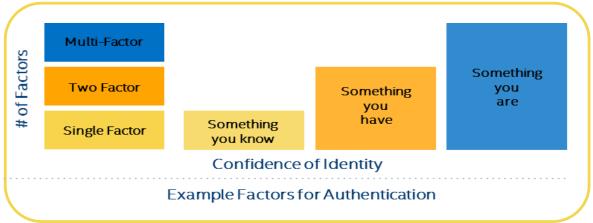
**Hardware-Based Security: A Game Changer!** 

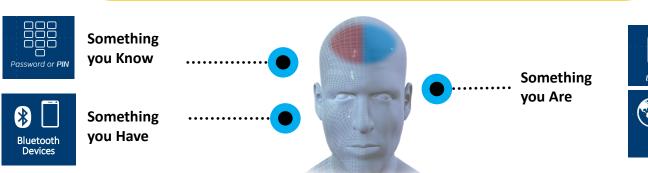


# **Intel Authenticate**



# **Multi-Factor Authentication**









# **Enterprise-Ready Identity and Access Protection**







"Hardened"
Data & Certificate
Management

**Managed Enterprise** 



# A new way to Share Ideas and Collaborate:Intel Unite®

Modernize your collaboration spaces and improve group productivity



# Easy & Fast

Wireless Content Sharing





# **Open & Adaptable**



**Meeting Room Platform** 

#### **Enhances Productivity**

Quickly start sharing content and collaborating.

No cables or dongles required.

#### **Broad Device Support**

Runs on Windows\* 7, Windows\* 8.1, Windows\* 10 and OS X\*.

Now available for iPad\*. Android\* tablet & Chromebook\*

support publicly available early Q2'17.1

#### Helps Protect Sensitive Content

Connect from anywhere on the business network.

Traffic is 256-bit SSL encrypted.

#### Flexible Architecture

Limitless integration possibilities with plugins. Integrate with existing tools. Integrate with future tools.

#### Video Conferencing Plugins

Easily connect dedicated meeting space hardware to enabled solutions including Skype for Business\* and Zoom\*.

#### **Enterprise-Ready**

A room solution with the performance, security features and manageability of trusted Intel® vPro™ technology.



# **Intel Unite**



### Intel Unite® Today: Solution Components at a Glance

### **Enterprise Installation**



### **Participant Clients**

- Intel Unite® software v3.3 for clients
- Operating Systems supported include:
  - Windows\* 7, 8.1 and 10
  - macOS X\*
  - iOS\* for iPads/iPhones\*
  - Android\* tablet
  - Chromebook\*
  - Linux\*
- Clients featuring Intel® vPro™ technology able to generate PINs and host meetings



### **Hosting Hub**

- Intel Unite® software v3.3 for hubs
- Windows\* 7, 8.1, or 10 required
- Loads only on selectively enabled hardware with an Intel<sup>®</sup> Core<sup>™</sup> vPro<sup>™</sup> processor

### **Software Plugins**

- Modular and optional software components loaded on hubs
- Enables integration with available technologies in the room, including Skype\* for Business



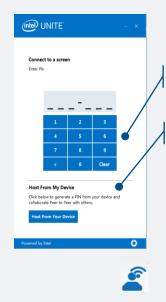
# PIN Distribution Server

- Intel Unite® 3.3 software for servers
- Requires at least SQL Server 2008 R2+ and IIS v7.0
- Includes Admin Web Portal webpage to create and manage hub configuration profiles



# Intel Unite®- How it works

Easily view or share content with the hub's display and other in-room or remote participants (Windows\* client UI shown)



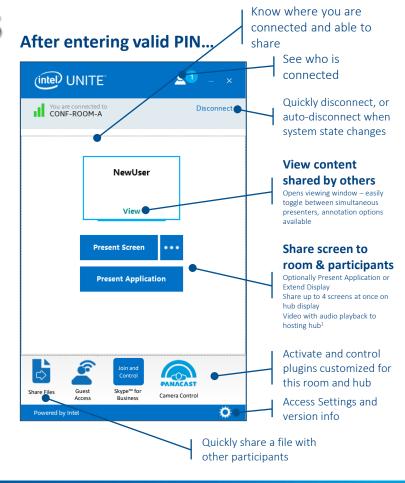
#### Flexible Ways to Join

**In Room with Hub:** Launch the Intel Unite® application and enter the 6-digit PIN displayed on the room display.

**No Room Hub:** PCs with Intel® vPro™ technology can generate their own PINs to self-host a meeting with others on the same network.

**Attending Remotely:** Use Scheduled Meetings functionality to join by clicking on a URL created in the Outlook\* meeting notice.

**Guests:** Workers on the trusted network can activate the Protected Guest Access plugin to enable guests to ioin via a temporary hub wifi hotspot.





# **Intel Client Business Computing**



