

What is the End-Goal?

- Integration?
- Interoperability?
- Connectivity?
- Interfacing?

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Do these terms have meaning?

- Integrating the Healthcare Enterprise
- Workshop on Interoperability
- Medical Device Connectivity Conference
- Integrated Clinical Environment
- “Changing the way Healthcare Connects”
- Medical Device Plug and Play
- Connectivity Consultant
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NETWORK SERVICES

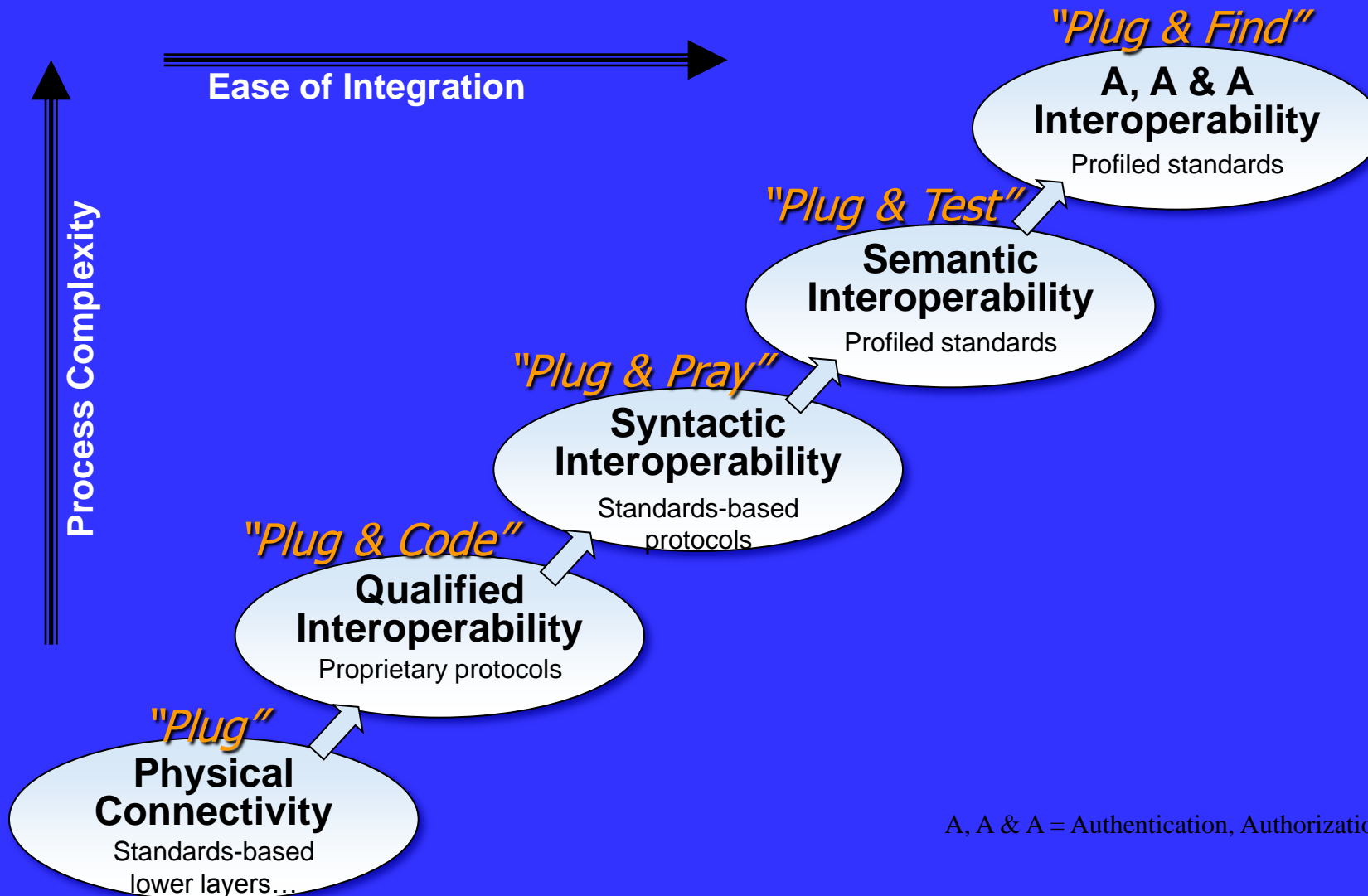
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Integrated
Communications
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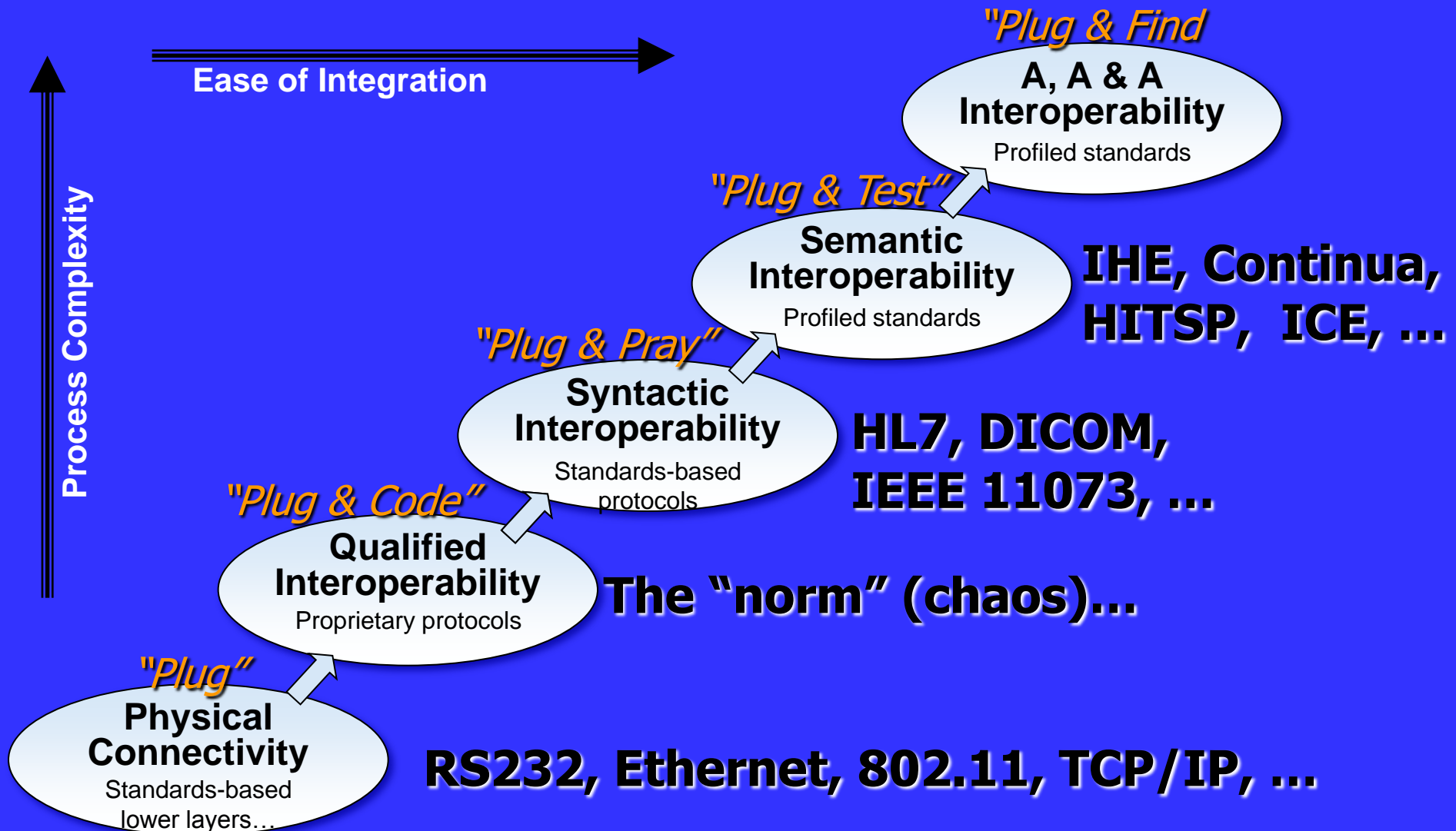


Levels of Interoperability

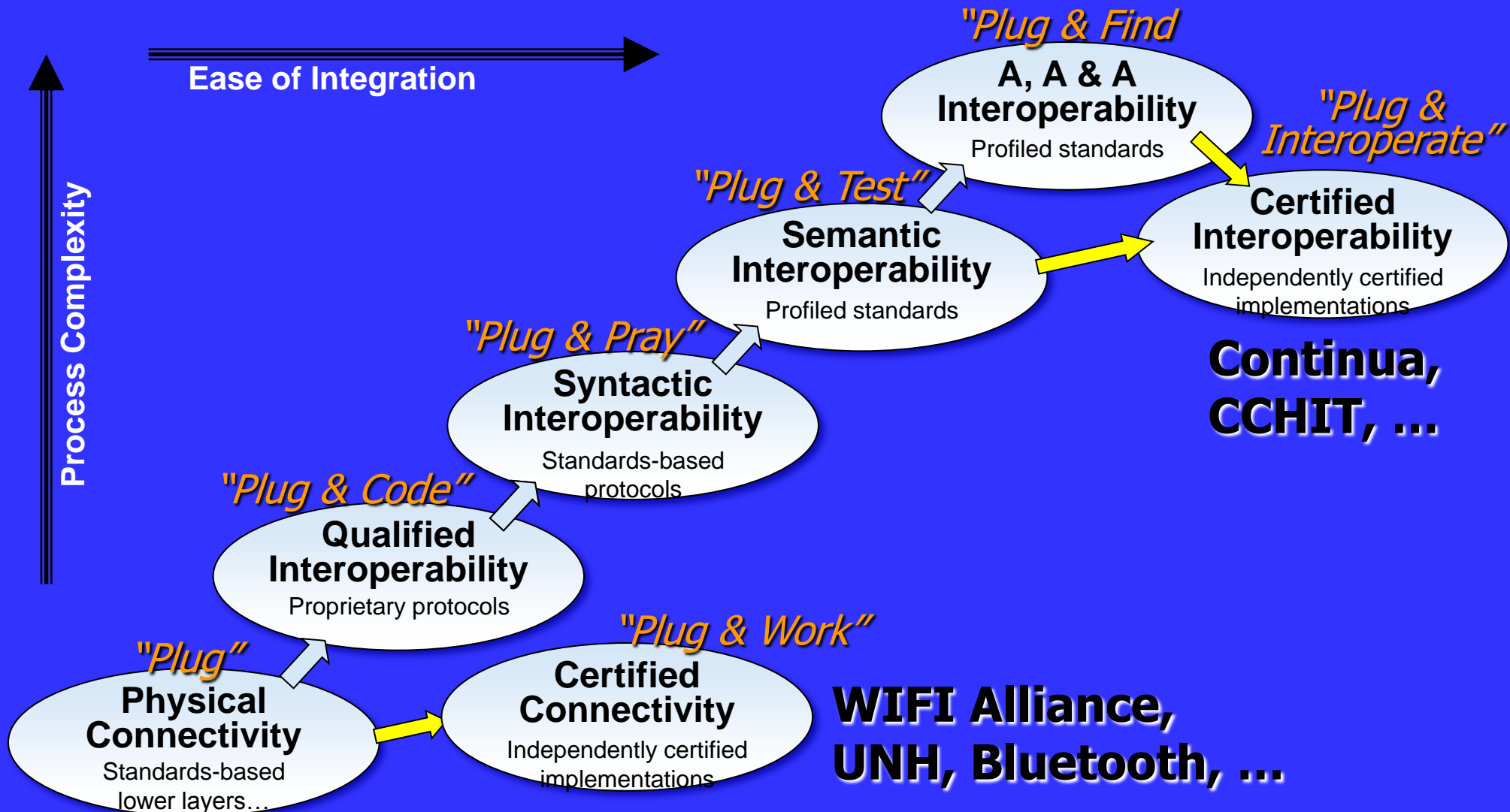


A, A & A = Authentication, Authorization & Association

Levels of Interoperability



Levels of Interoperability



IHE-PCD Charter

The Patient Care Device Domain is a group within IHE concerned with creating and testing standards based profiles which address ***Use Cases*** in which at least one actor is a ***regulated Patient Care Device***. The PCD coordinates with other IHE clinical specialty based domains such as medical imaging and laboratory.

✓ **NOTE:** *Formed in 2005 & co-sponsored by HIMSS & ACCE*

Current:

- Enterprise sharing of Patient Care Data (DEC)
- Patient Identity Binding to Device Data (PIB)
- Subscribe to Patient Data (SPD)
- PCD Alarm Communication Management (ACM)
- Point-of-care Infusion Verification (PIV)
- Rosetta Stone Terminology Project (RTM)
- User Handbook
- Implanted Device – Cardiac Observation (IDCO)

Under Development:

- Device Point-of-Care Integration (DPI) – White Paper
- Medical Equipment Management (MEM) – White Paper
- Waveform Communication Management (WCM)

Under Consideration:

- **Asynchronous Data Query**
- **Query for Bulk Data (QBD)**
- **Location Tracking**
- **Medical Equipment Management**
- **Device to Patient Association**
- **Device Integration Profiles**
- **Device Integration – General Content Profile**
- **Event Communication Management**



HIMSS – PCD in Action

Dräger



PCD coordination with other groups...

- ✓ ***HL7 & IEEE EMB***
- ✓ ***Continua Health Alliance***
- ✓ ***HITSP (RMON & CMDC use cases)***
- ✓ ***CIMIT MDPnP Program & “ICE” Architectures (ICE-PAC group)***