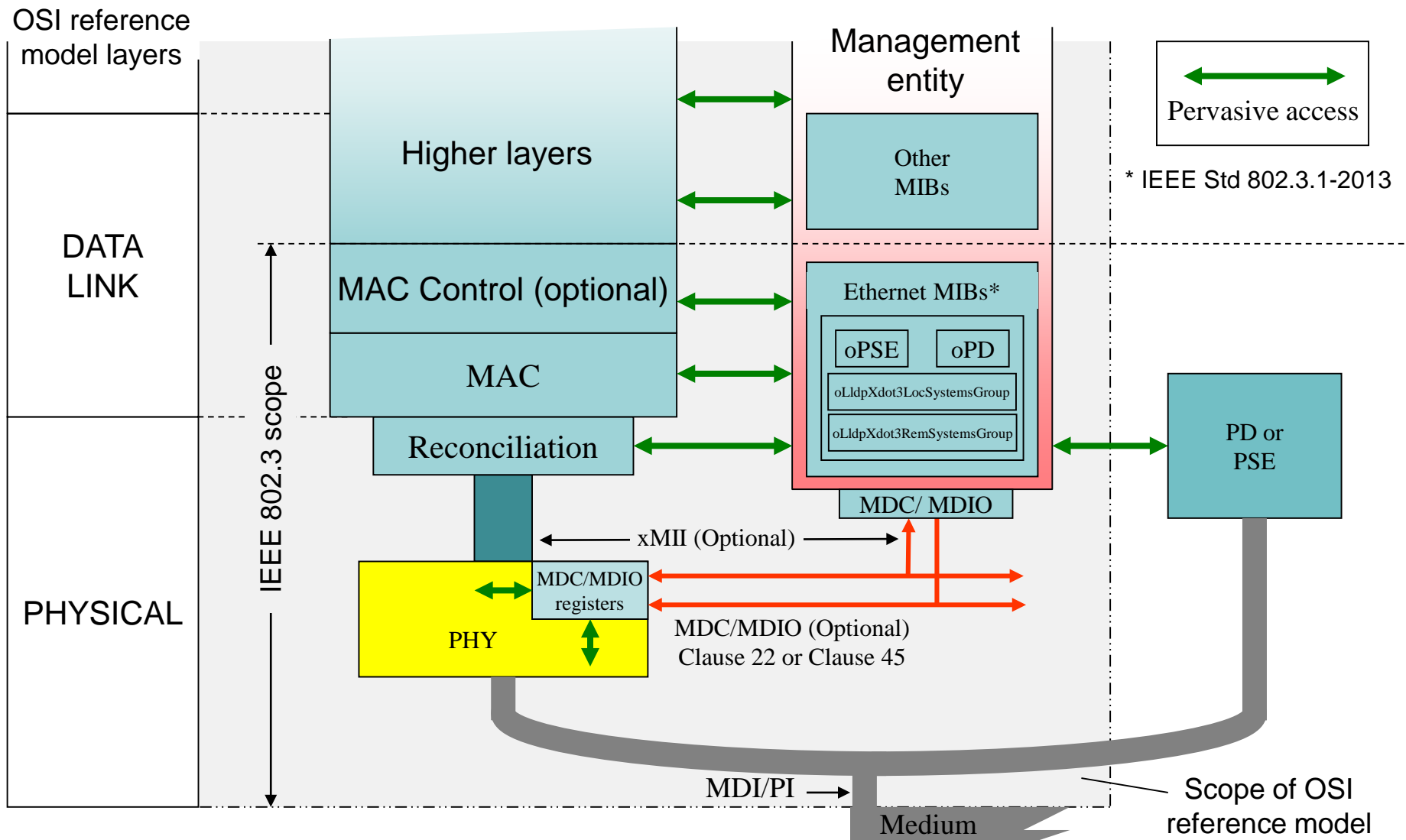


IEEE 802.3bt and LLDP (in support of comment #146)

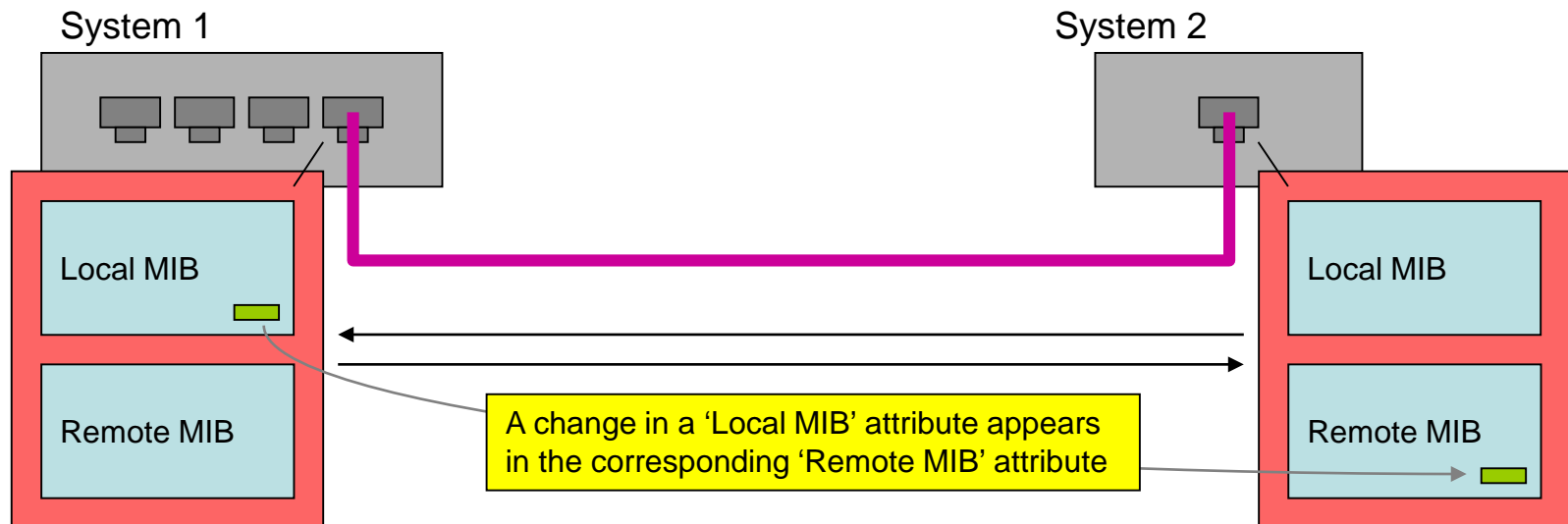
David Law, HPE

Management model



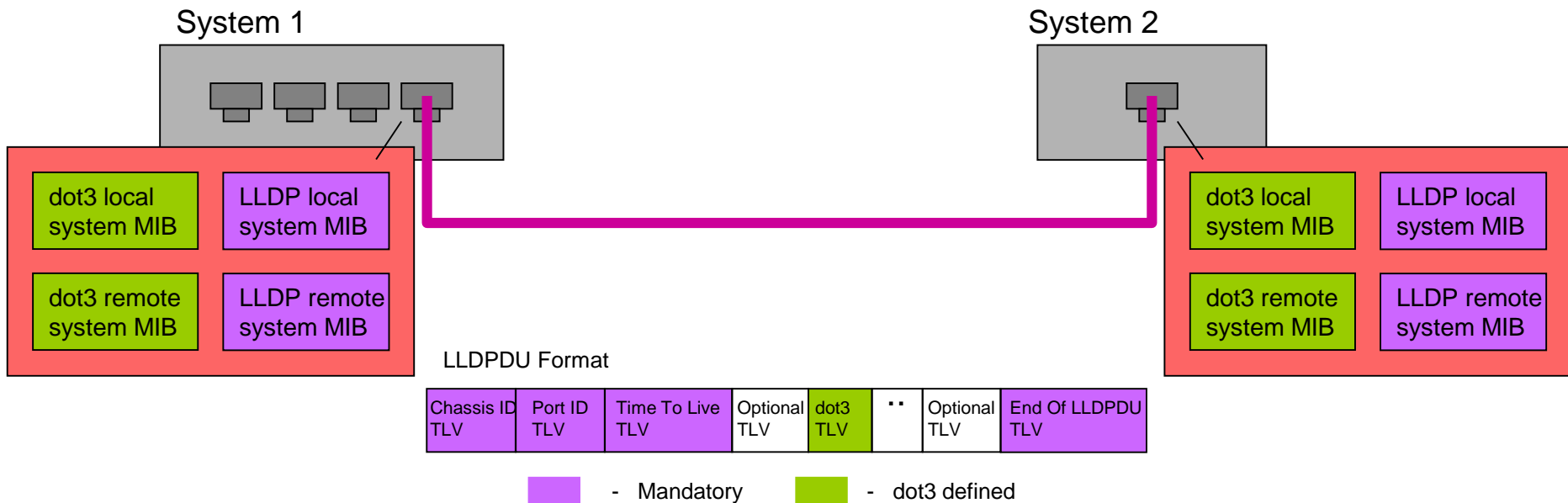
LLDP

- Operates over point to point link
- Completely enclosed protocol
 - We define data, it gets transported for
 - Don't get to make changes to the protocol
- Data in 'Local MIB' transported to 'Remote MIB'
 - Transported by TLVs (type, length, value)



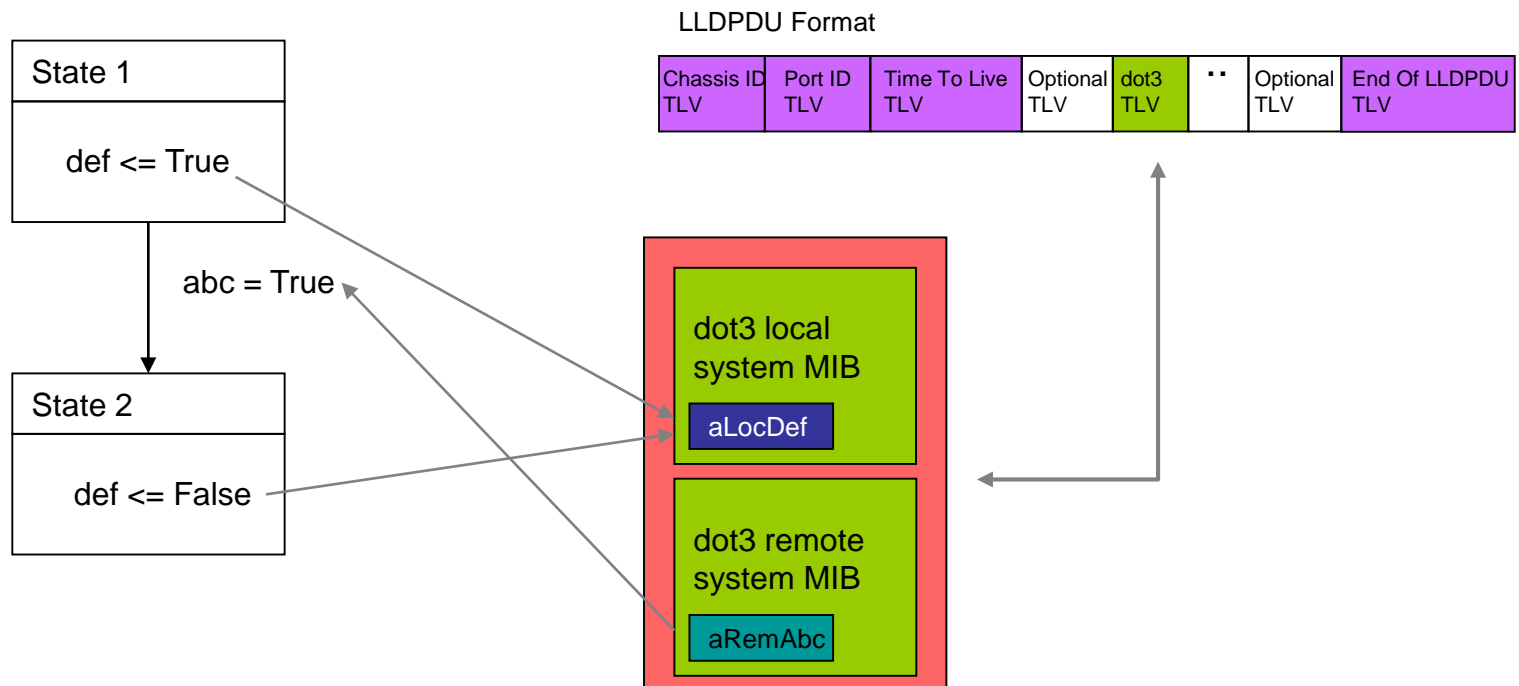
LLDP

- Two types of LLDP MIB
 - Mandatory basic LLDP MIB
 - Associated basic TLVs
 - Optional organizationally specific LLDP MIB extensions
 - Associated optional organizationally specific TLVs
- IEEE P802.3bt needs to define dot3 LLDP MIB extension and TLVs
 - This is in addition to other PoE MIB change as required



LLDP and State diagrams

- Can't map directly to TLV contents
 - Map through objects in dot3 local and remote MIB
 - Define MIB attribute to variable mapping



Thank You!