

#### ENERGY STAR Connected Water Heater Specification, Draft v3.3

Example Architecture Diagrams

June 20<sup>th</sup>, 2019

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# Products that meet ENERGY STAR Connected Criteria v3.3 requirements and conceptual architecture diagrams of contemporary systems in which they could be deployed

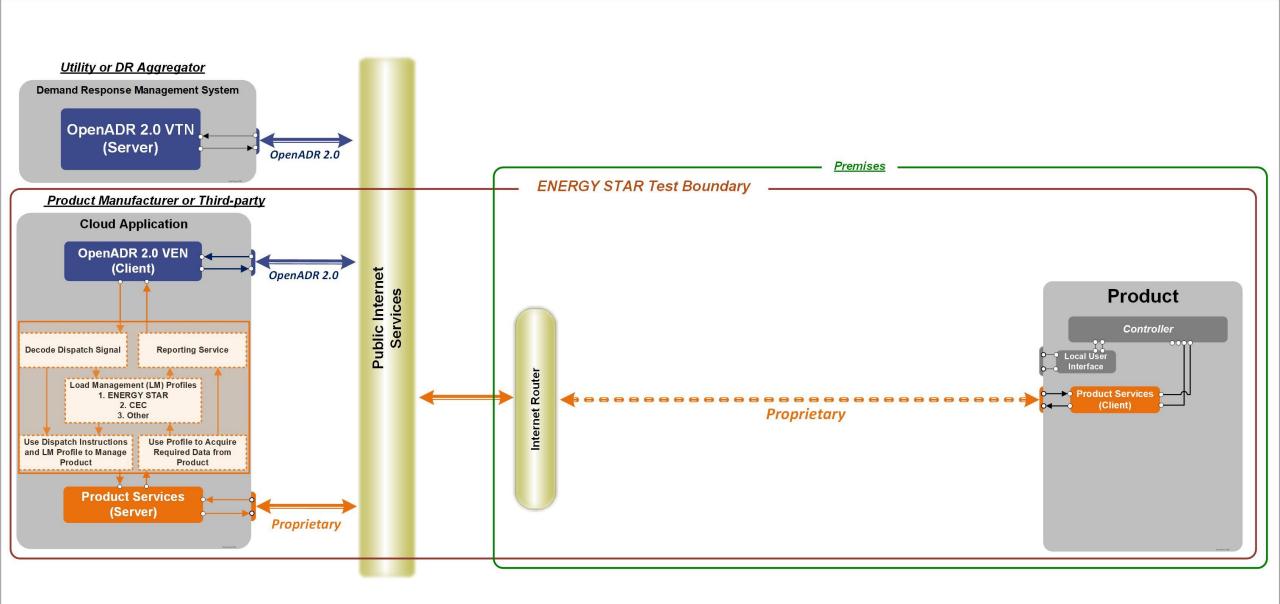


# Part 1

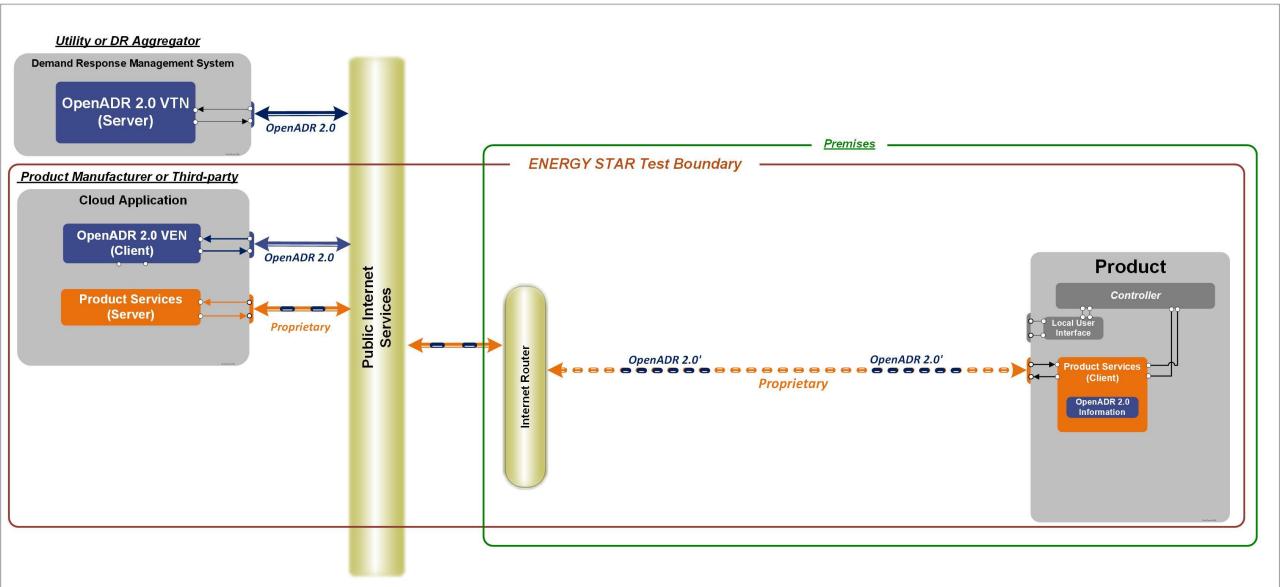
# Products and architectures that depend on connectivity with one or more cloud-based applications (remote to the premises) to meet the ENERGY STAR requirements



**OpenADR 2.0 (VEN in OEM cloud)** 



### **OEM Cloud Pass-through of OpenADR**

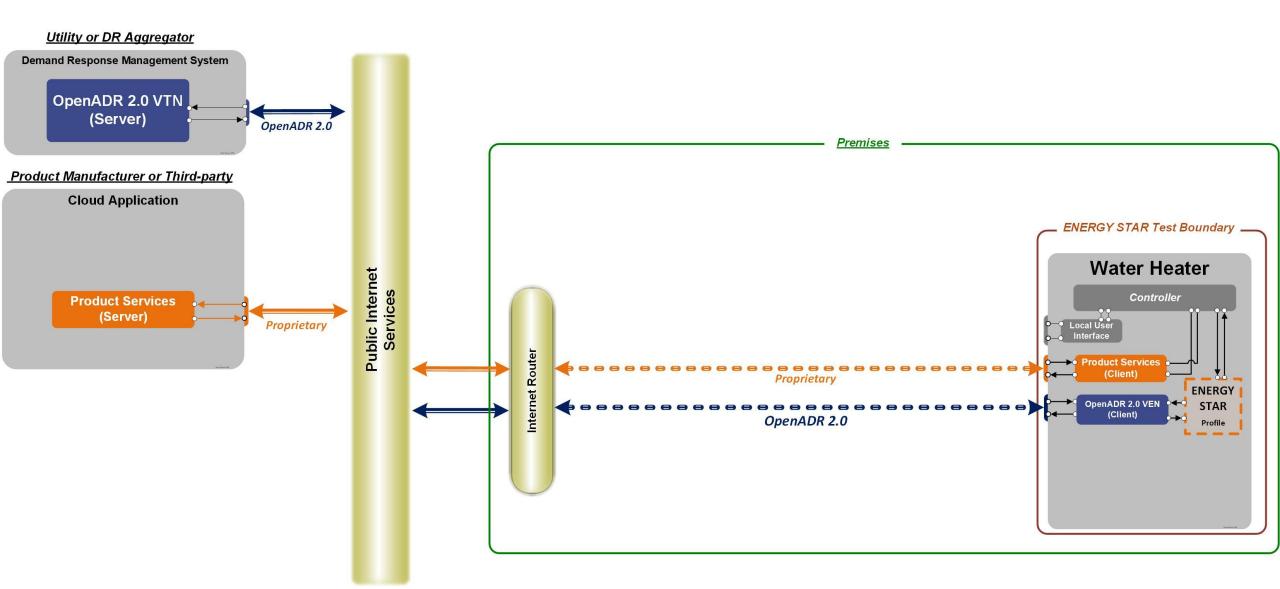


# Part 2

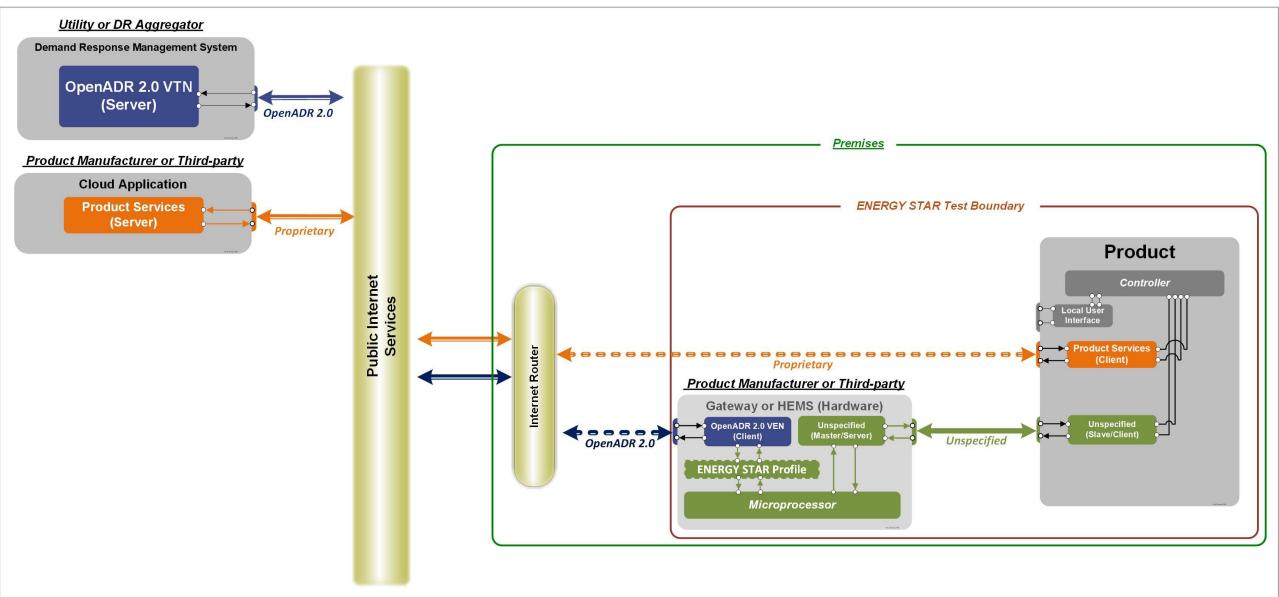
# Products and architectures that DO NOT depend on connectivity with one or more cloud-based applications (remote to the premises) to meet the ENERGY STAR requirements



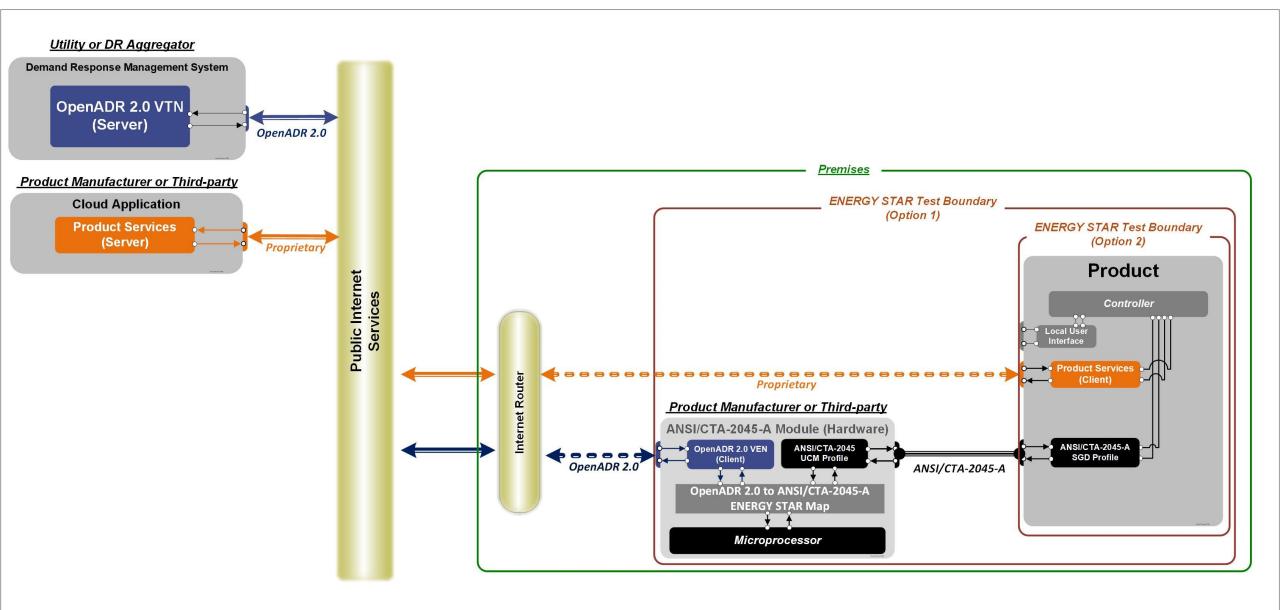
Product with Embedded OpenADR 2.0 VEN



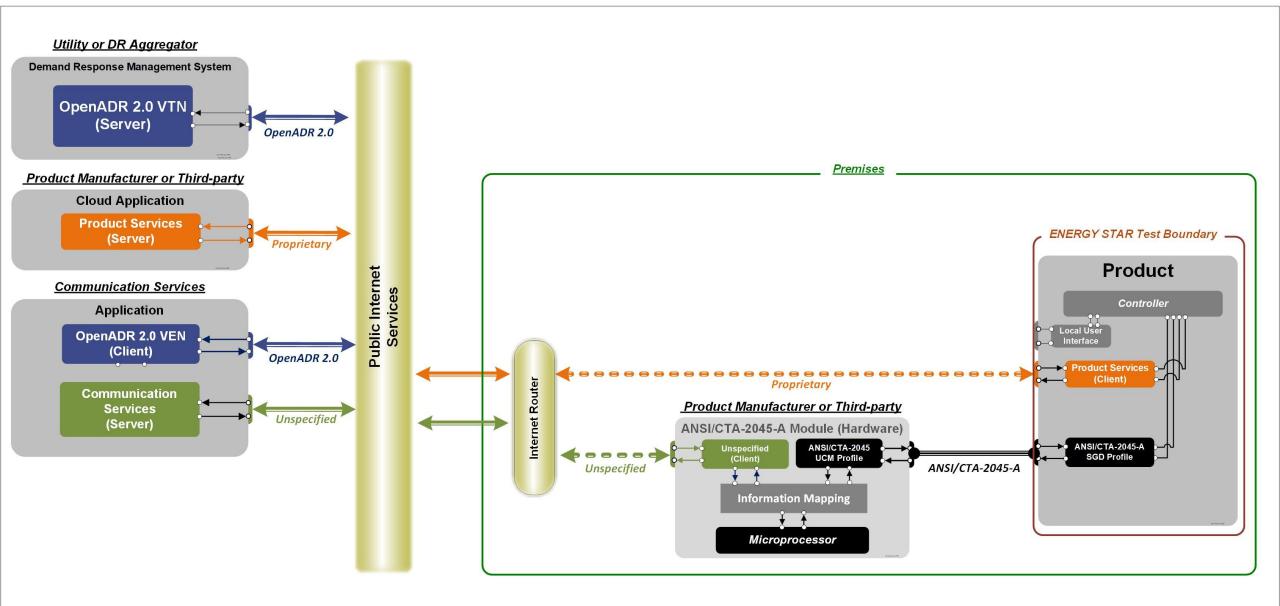
### OpenADR 2.0 Gateway (Communication to Product – Unspecified)



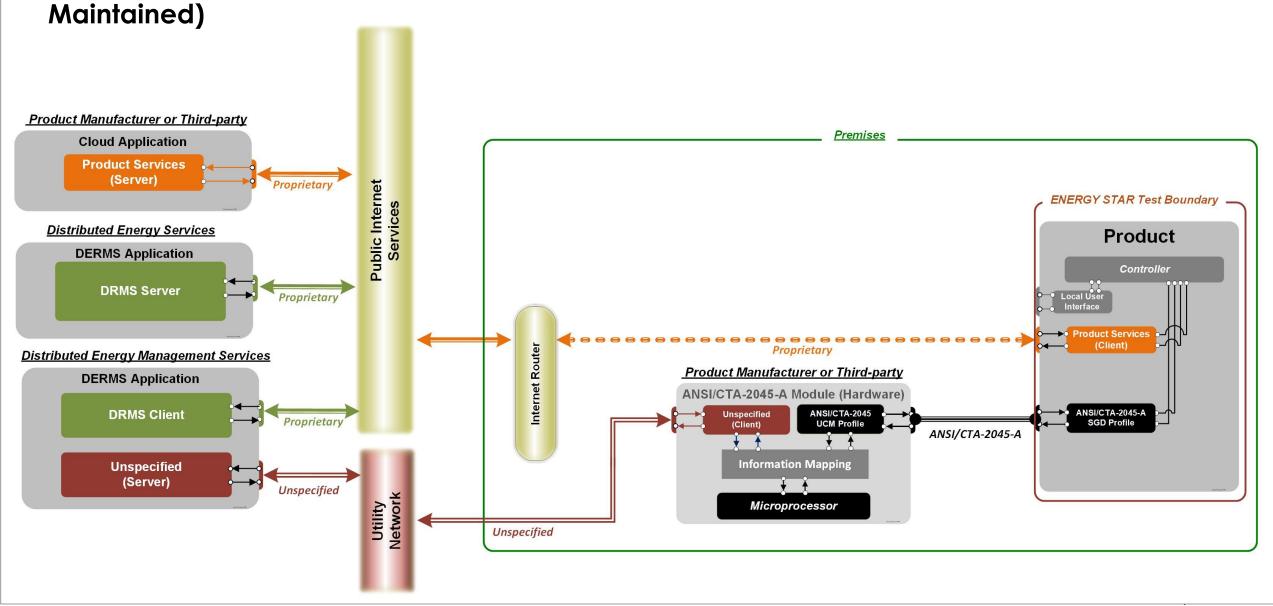
ANSI/CTA-2045-A Communication Module with Embedded OpenADR 2.0 VEN



ANSI/CTA-2045-A Communication Module (Unspecified Network Interface)



ANSI/CTA-2045-A Communication Module (Private Network (Example, Utility Owned or



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