

Grid Modernization: Architecture Needs a Public/Private Approach

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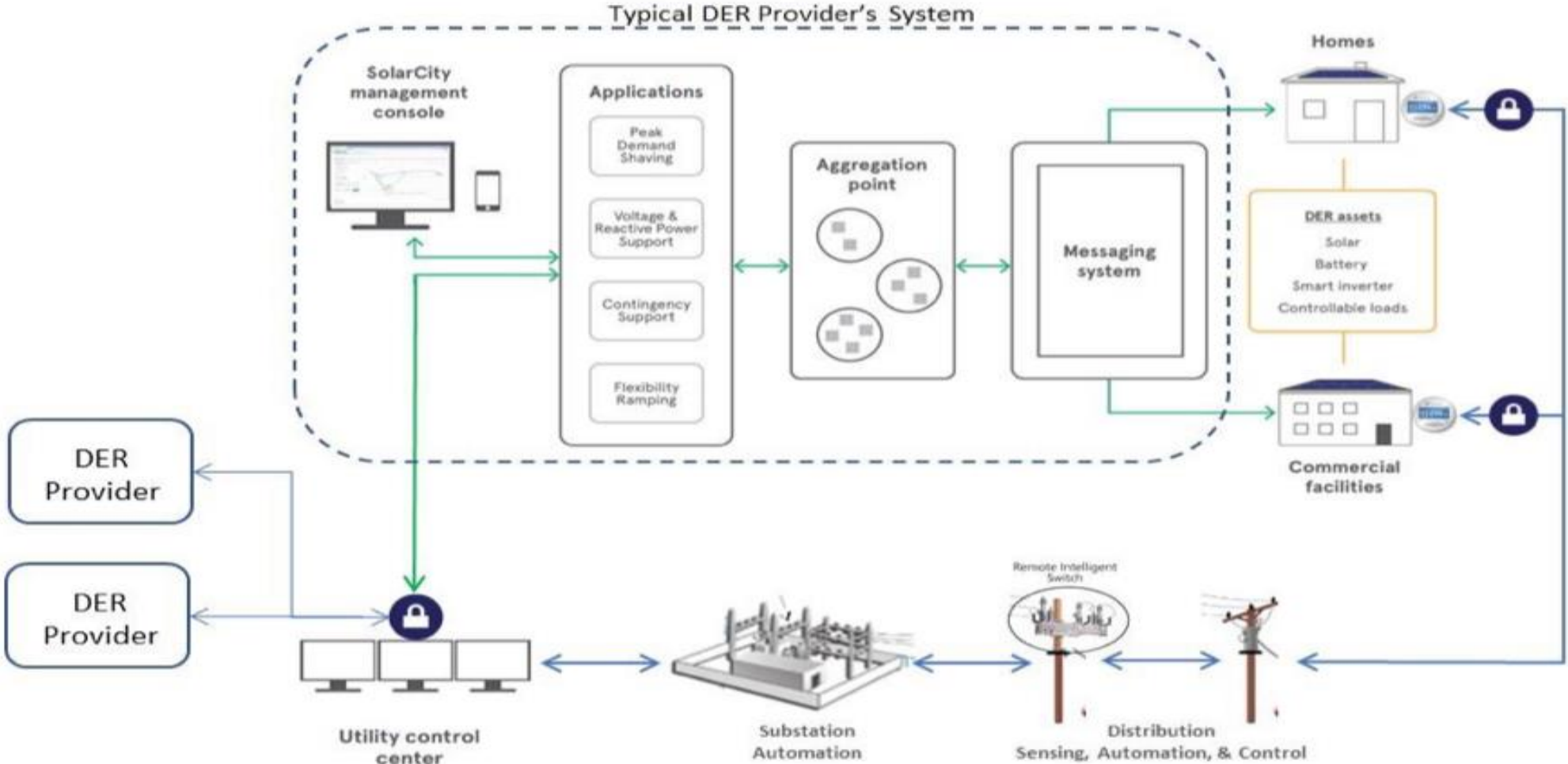
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Boston Advanced Energy Group BreakOut Session



An Increasingly Complex Communications Challenge

Figure 27 DER Aggregator & Utility Communications/Security Interfaces

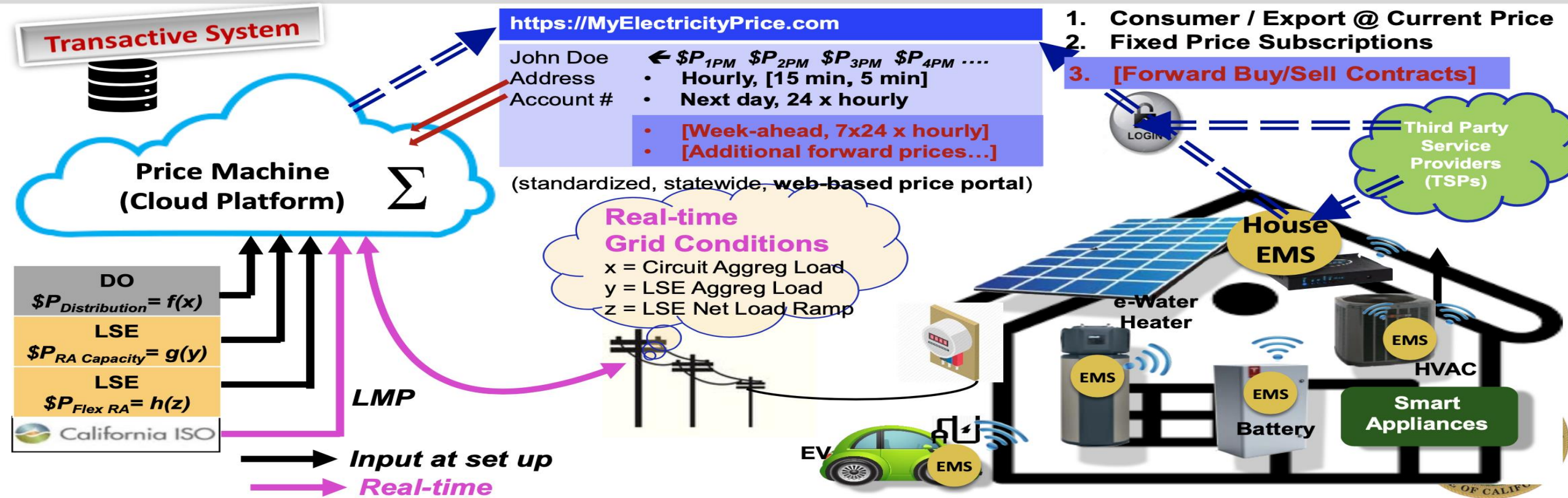


Adapted from SolarCity & Joint CA Utility Presentations at CPUC Workshop on Jan 24, 2017



The Potential Elements of an Efficient Transactive System

Step 6: Introduce **Transactive Features**



But How to Get There? Today, Little Coordination, Or Interoperability

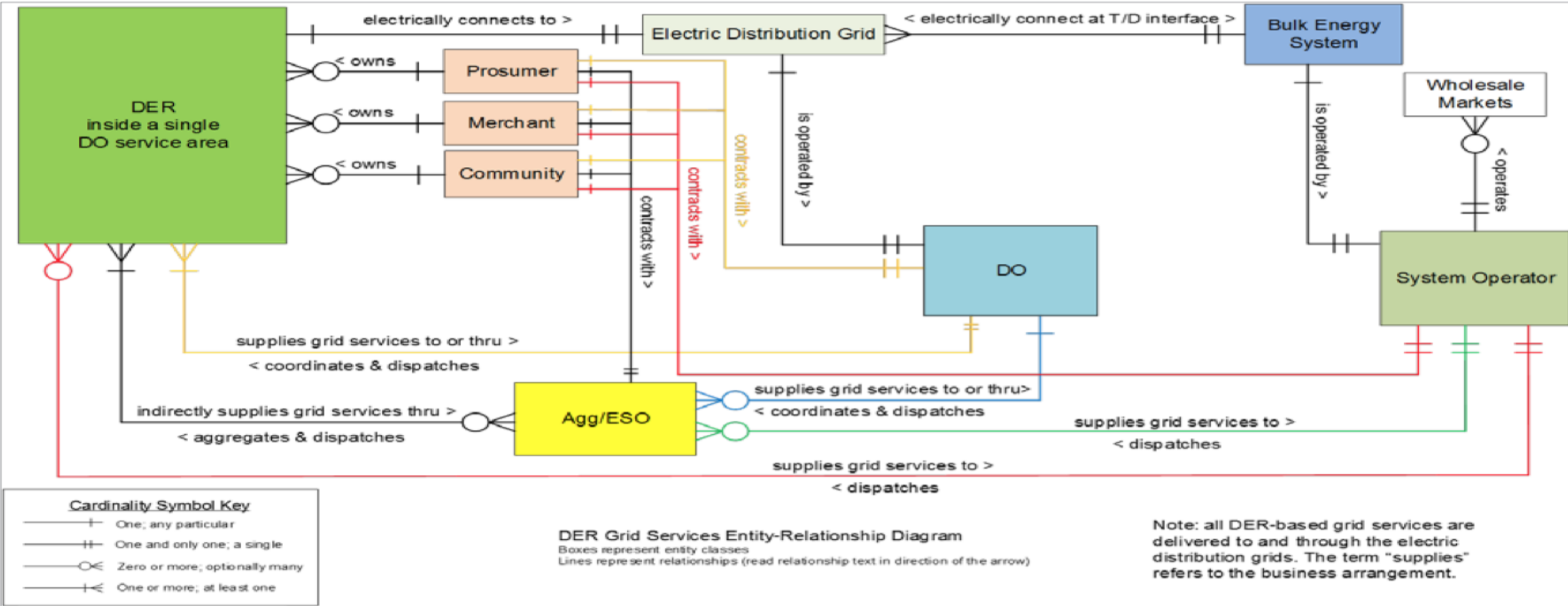


Figure 3. Existing DER Integration Industry Structure

