Figure 1: Ultra-Lightweight Quantum-Safe IoT Protocol Stack - System Architecture

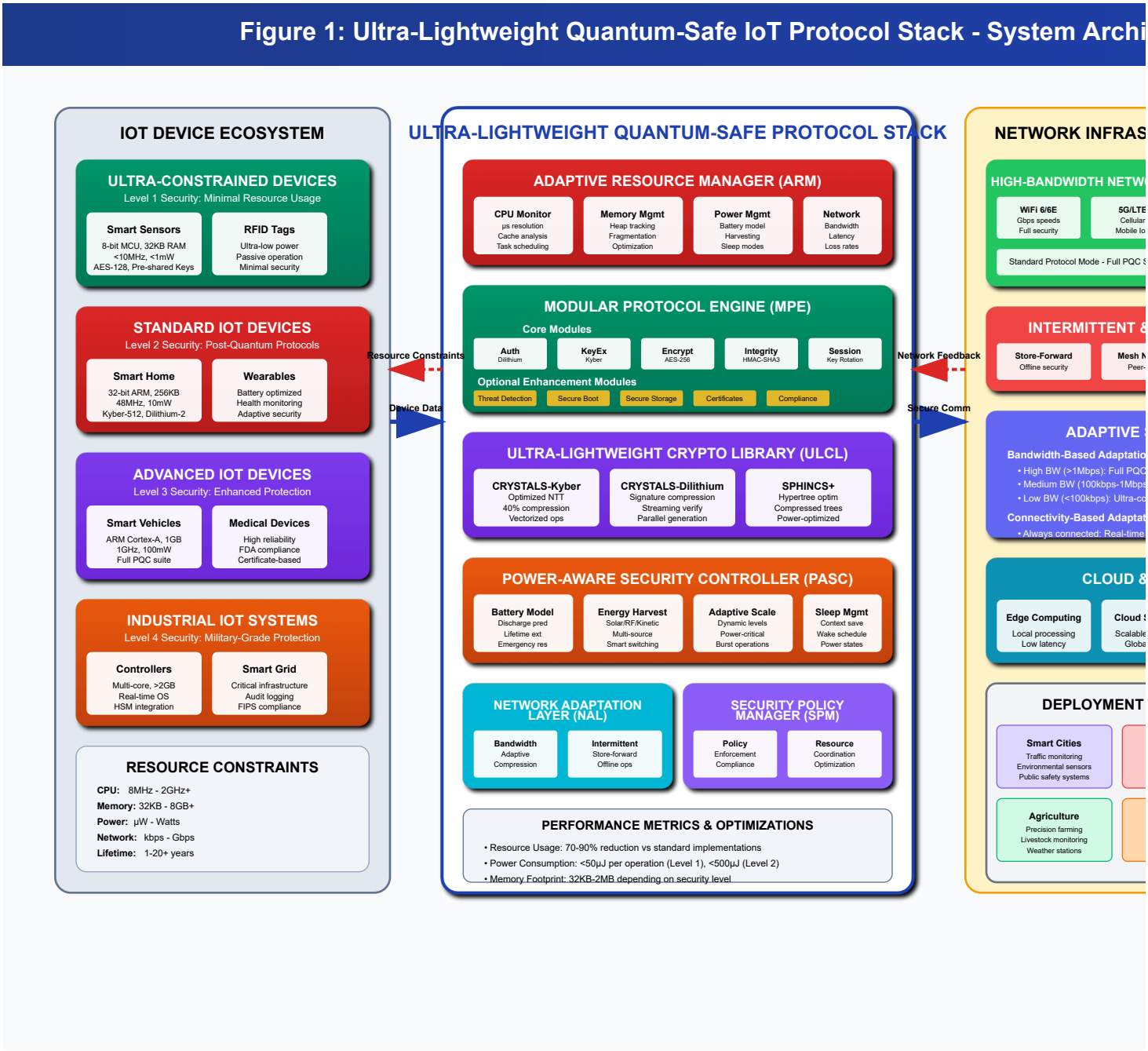

Figure 2: Adaptive Resource Management Engine - Real-Time Optimization Flow

This page contains the following errors:

```
error on line 696 at column 15: xmlParseEntityRef: no name
```

Below is a rendering of the page up to the first error.

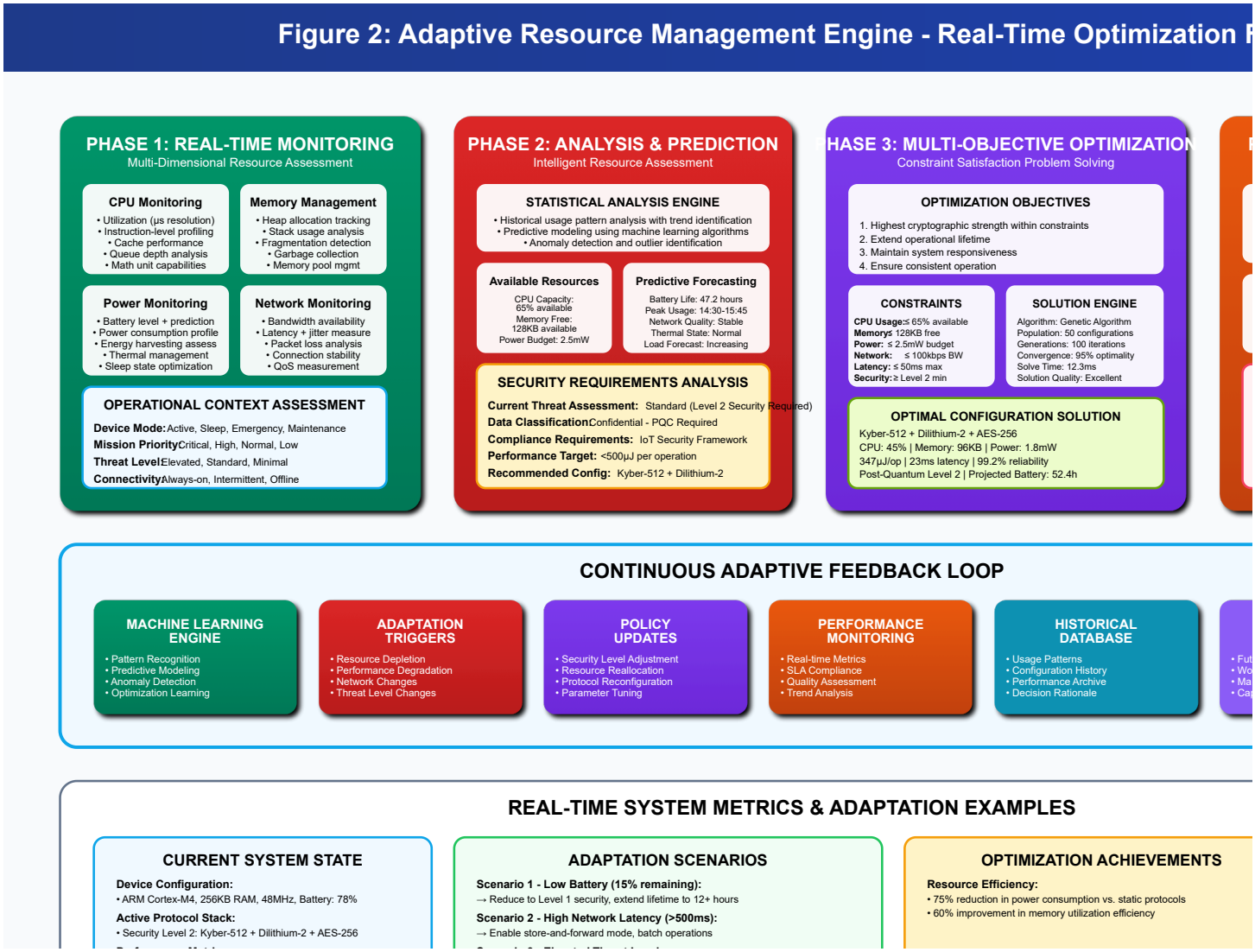

Figure 3: Modular Quantum-Safe Protocol Architecture - Security Level Configurations