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# **Weather Information Database (WIDB) Information Technology System Design Specification**

## **Appendix C – Alternative Design Approaches**

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## **1 Introduction**

Appendix C will provide discussion of the alternative design approaches for the NextGen 4-D Weather Cube that have been considered during the IT architecture design phase. This section will be completed and included in a subsequent release of the WIDB IT System Design Specification.

## **2 Alternative Approaches**

### **2.1 Approach Descriptions**

#### **2.1.1 Approach 1 - Minimal Approach**

#### **2.1.2 Approach 2 – Centralized**

#### **2.1.3 Approach 3 - Distributed System of Systems**

### **2.2 Approach Comparisons**

#### **2.2.1 Pros/Cons**

#### **2.2.2 Cost Consideration**

### **2.3 Recommendations / Justification**