



# Key Considerations for Developing Airport Cargo Facilities



## ABOUT THERA

With decades of experience and a deep understanding of your unique challenges, Thera Solutions Group is committed to delivering tailored solutions that drive lasting success.

Thera Solutions Group partners with global leaders like SASWorld to ensure every air cargo project is optimized with the best expertise and solutions for success.







## CONSIDERATIONS

When building or expanding airport cargo facilities, critical factors must be considered to ensure operational efficiency, future growth, and competitiveness. This presentation provides a comprehensive list of essential elements.



## 1. STRATEGIC LOCATION

**Placing the facility near key logistics hubs, roadways, highways, railways, and public transport allows for quick movement of goods and workers, ensuring efficiency.**





## **2. ADEQUATE STORAGE CAPACITY & FLEXIBILITY FOR PEAK PERIODS**

**Your facility must accommodate current and future cargo volumes, with short-term expansion options for peak periods like Christmas or disaster relief. Space flexibility ensures efficient operations year-round.**





### **3. ADVANCED TECHNOLOGY AND AUTOMATION**

**Using automated systems and  
cargo tracking technology  
increases accuracy and speeds up  
the movement of goods, improving  
overall efficiency.**





## **4.EFFICIENT CUSTOMS AND REGULATORY COMPLIANCE**

**Streamlining customs procedures  
reduces delays for international  
shipments, which is critical for  
perishable or time-sensitive goods.  
Quick clearance is key.**





## **5. FLEXIBLE INFRASTRUCTURE & SPECIALIZED EQUIPMENT**

**Infrastructure should include flexible design features like large doors for oversized cargo, in-ground scales, x-ray machines, and safety features like bollards to protect staff and goods. Utilities such as scales and durable floors help maintain operational flow.**





## 6. LAND FOR LONG-TERM EXPANSION

**Airports should own adjacent land for future growth, ensuring the ability to expand as cargo demand increases. Long-term planning prevents capacity constraints in the future.**





## **7. SUSTAINABLE AND ENERGY-EFFICIENT SOLUTIONS**

**Implementing energy-saving features such as skylights, solar panels, and water-saving systems reduces operating costs and makes the facility more attractive to operators by boosting their competitiveness.**





## **8. ACCESS TO PUBLIC TRANSPORTATION & EMPLOYEE BUS SERVICES**

**Ensure easy access to public transportation or provide shuttle services for employees through ground handlers. Strategically timed services based on shifts can help with efficient workforce movement.**





## 9. SPECIALIZED FACILITIES FOR ALL CARGO TYPES

**Facilities should be equipped to handle various cargo types, including fruits, vegetables, meats, fish, pharmaceuticals, live animals, valuable cargo, human remains, hazardous goods, and e-commerce packages, ensuring full cargo handling capabilities.**





## 10. COMFORTABLE & SAFE WORKING ENVIRONMENT

**Workers should operate in a climate-controlled, cool, and comfortable environment, with appropriate safety features like in-ground scales and barriers to protect both staff and cargo.**





## **11. REGULAR ENGAGEMENT WITH CARGO AGENTS**

**Airports should actively engage with cargo agents by setting up regular meetings to gather insights, build relationships, and optimize operations.**





## 12. ROBUST SECURITY MEASURES

**Implementing advanced security protocols, including surveillance systems, controlled access, and regular audits, ensures the protection of valuable cargo and the safety of staff.**







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## PLAN OVERVIEW

Developing a secure and successful cargo facility requires expert guidance. At Thera, we ensure your facility meets the highest standards in security, efficiency, and growth.

There's much more to consider, depending on your airport's unique needs and current infrastructure. We'll uncover these details during our discovery process.

**Contact us today** to start building a world-class cargo hub.

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