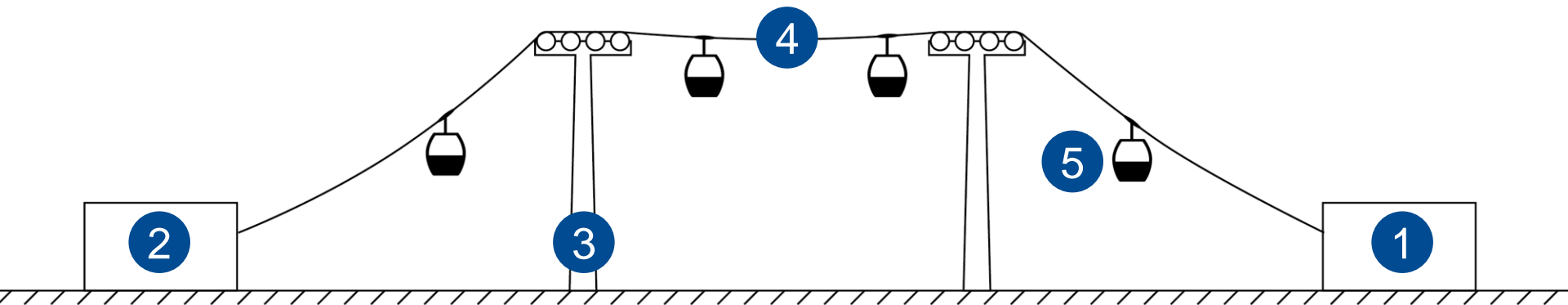


# ➤ Ropeway Technology



# Ropeway Main Elements



**1** Drive Station

**2** Return Station

**3** Towers

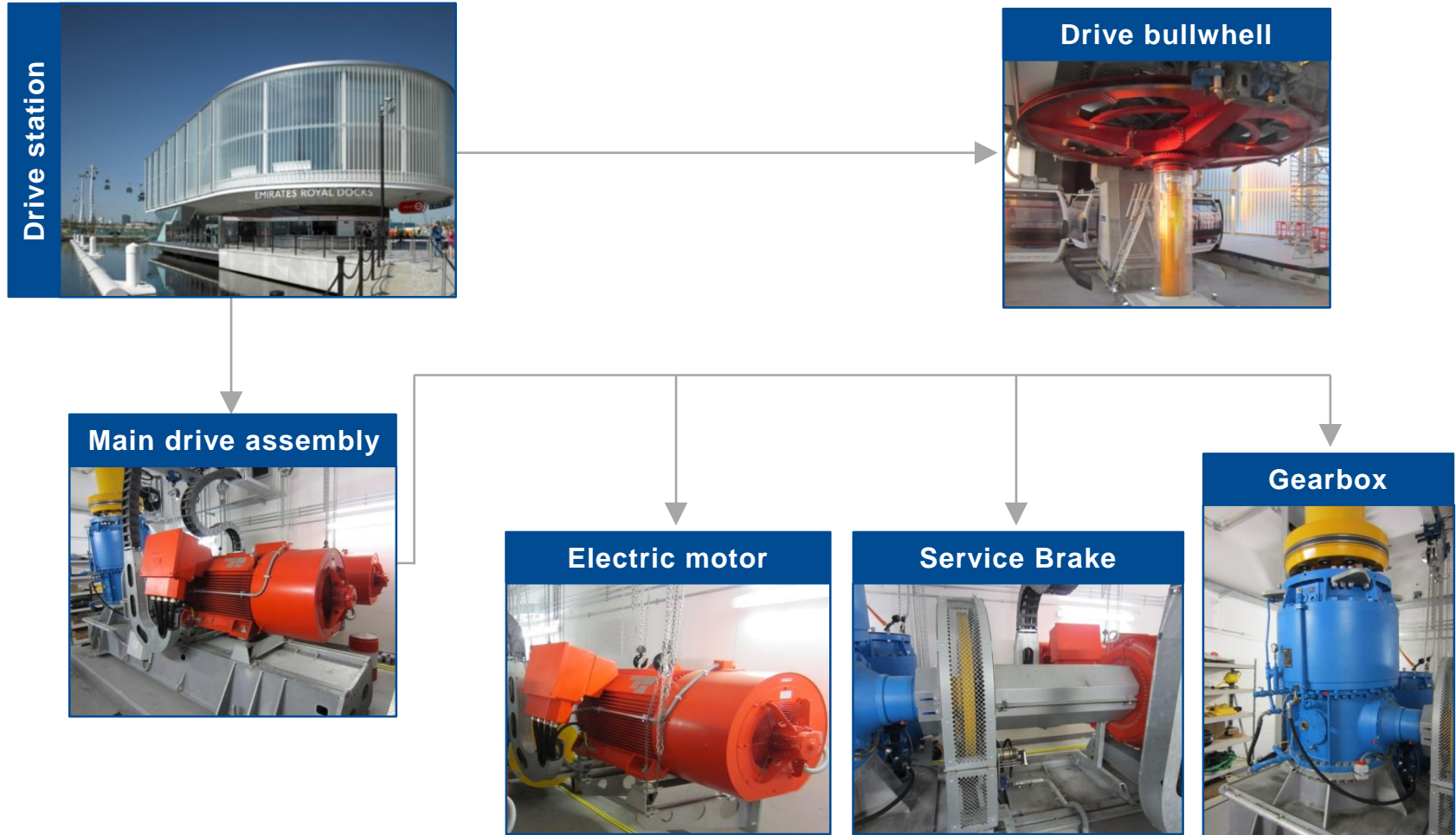
**4** Rope

**5** Cabins

**6** Safety Elements



# The Stations | Drive Station



# The Stations | Return Station

Return station



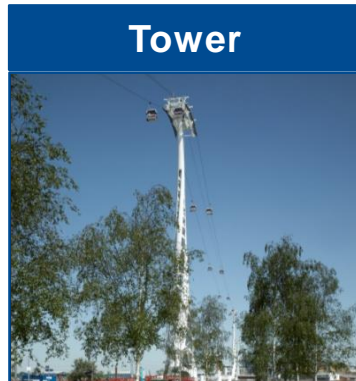
Return bullwheel



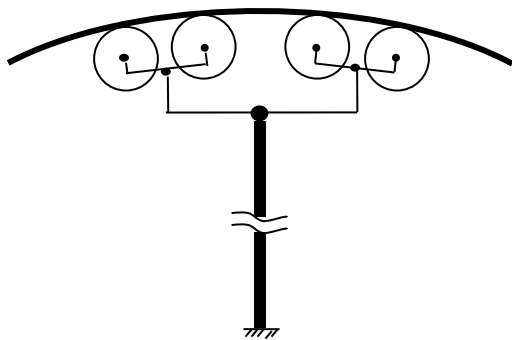
Tensioning unit



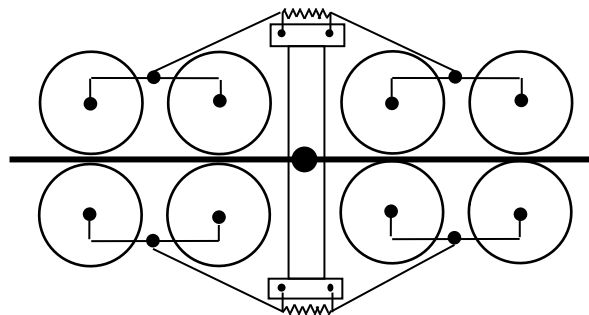
# The Towers



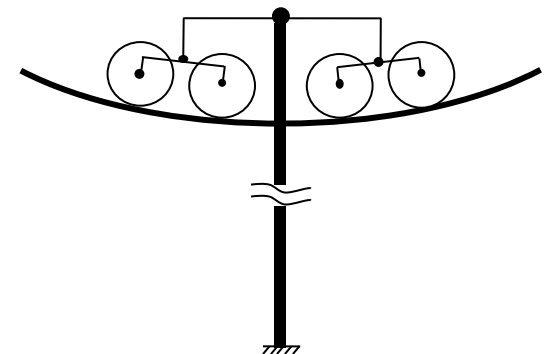
Structures supporting and keeping the rope in the normal operating position



Support  
sheave assembly

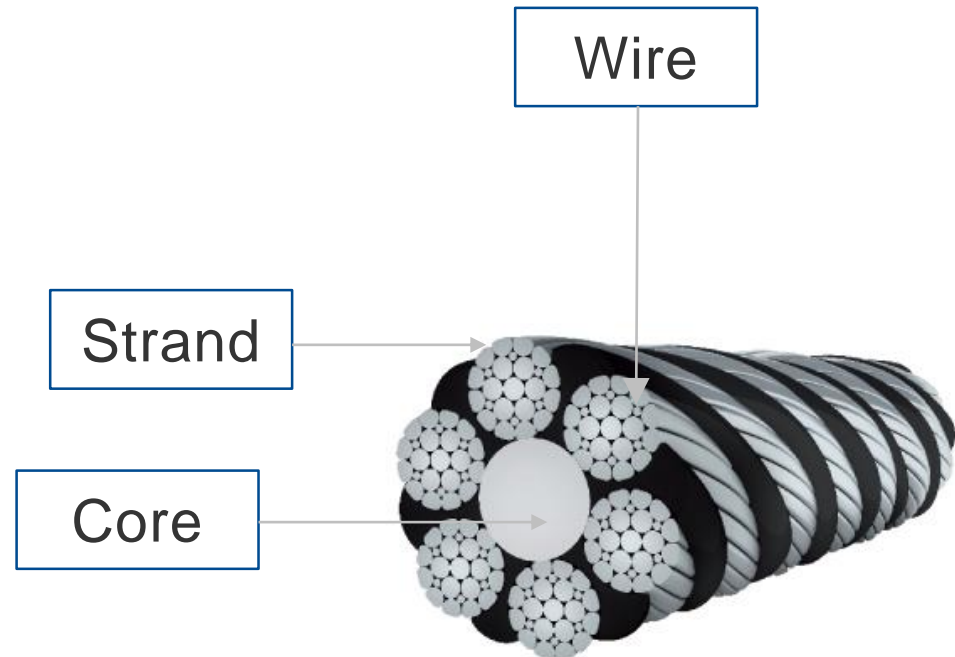
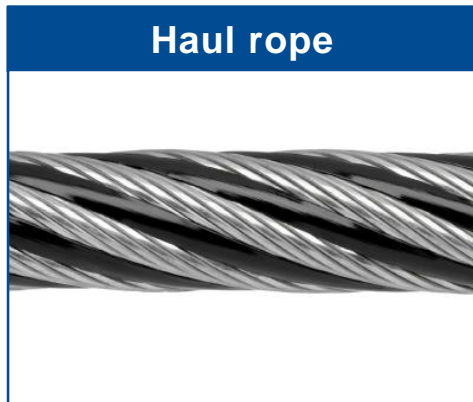


Support-compression  
sheave assembly



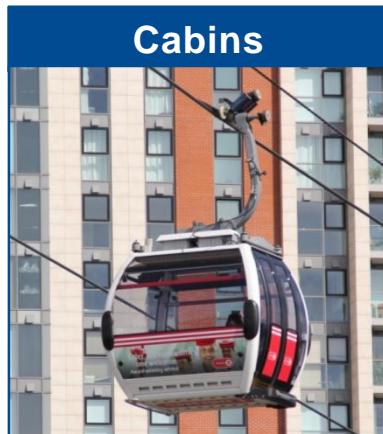
Hold-down  
sheave assembly

# The Haul Rope

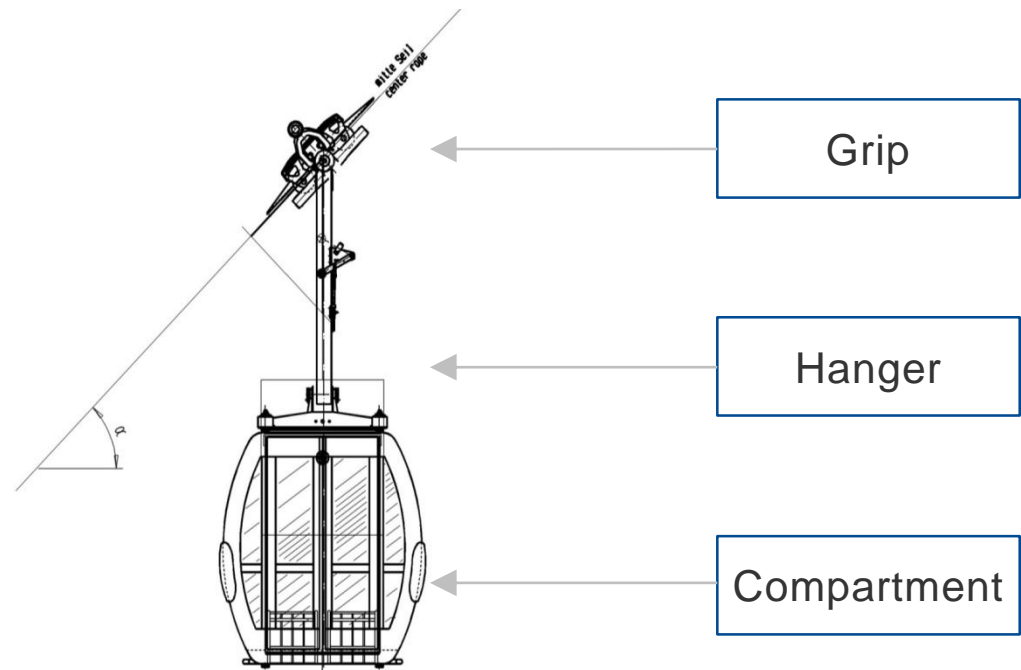


It **carries** and **moves** the gondolas

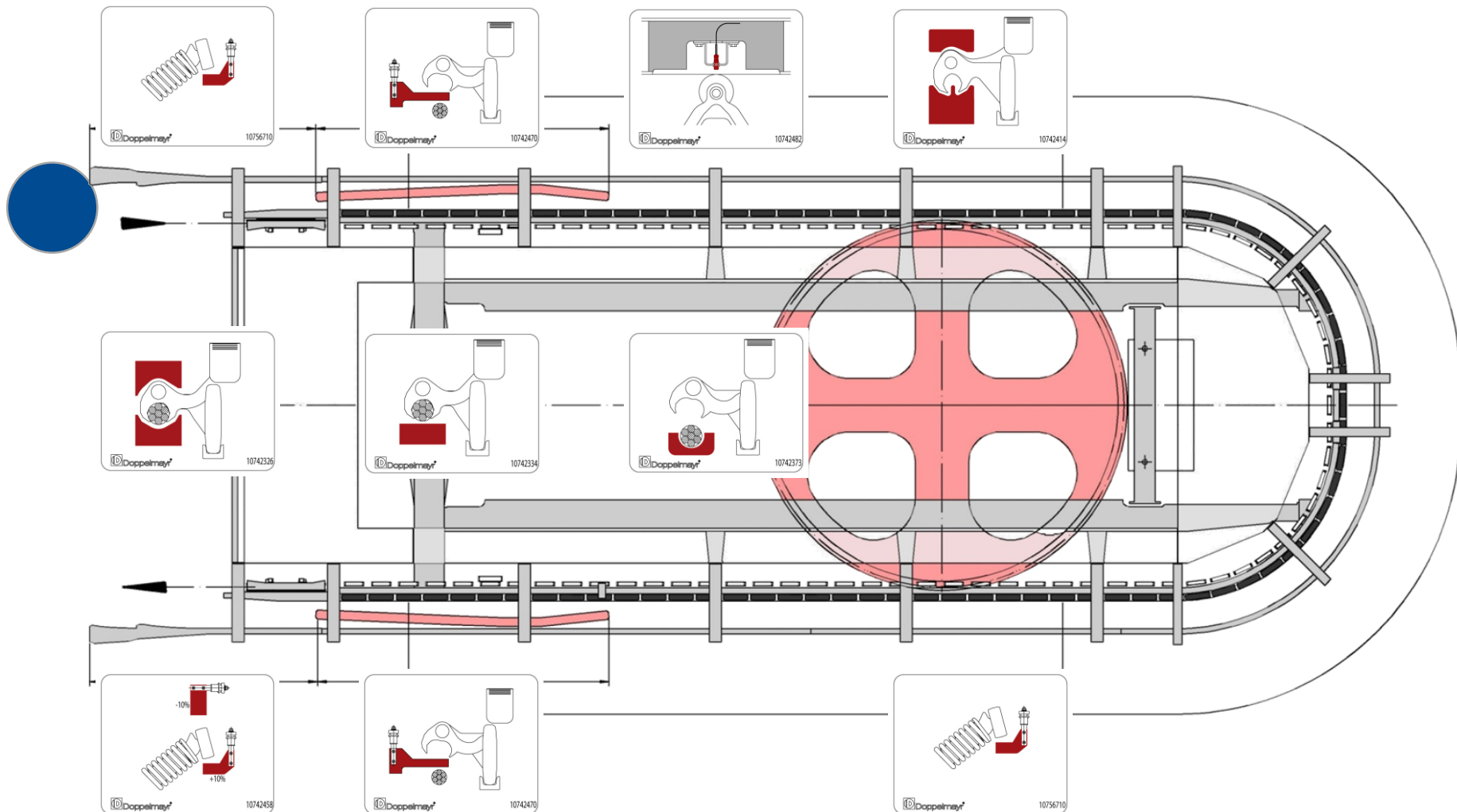
# The Cabins



## Carrying passengers



# Safety Devices | Stations



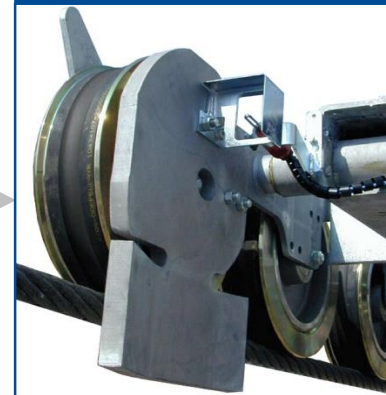


# Safety Devices | Towers

**Sheave assembly**



**Break fork switch**



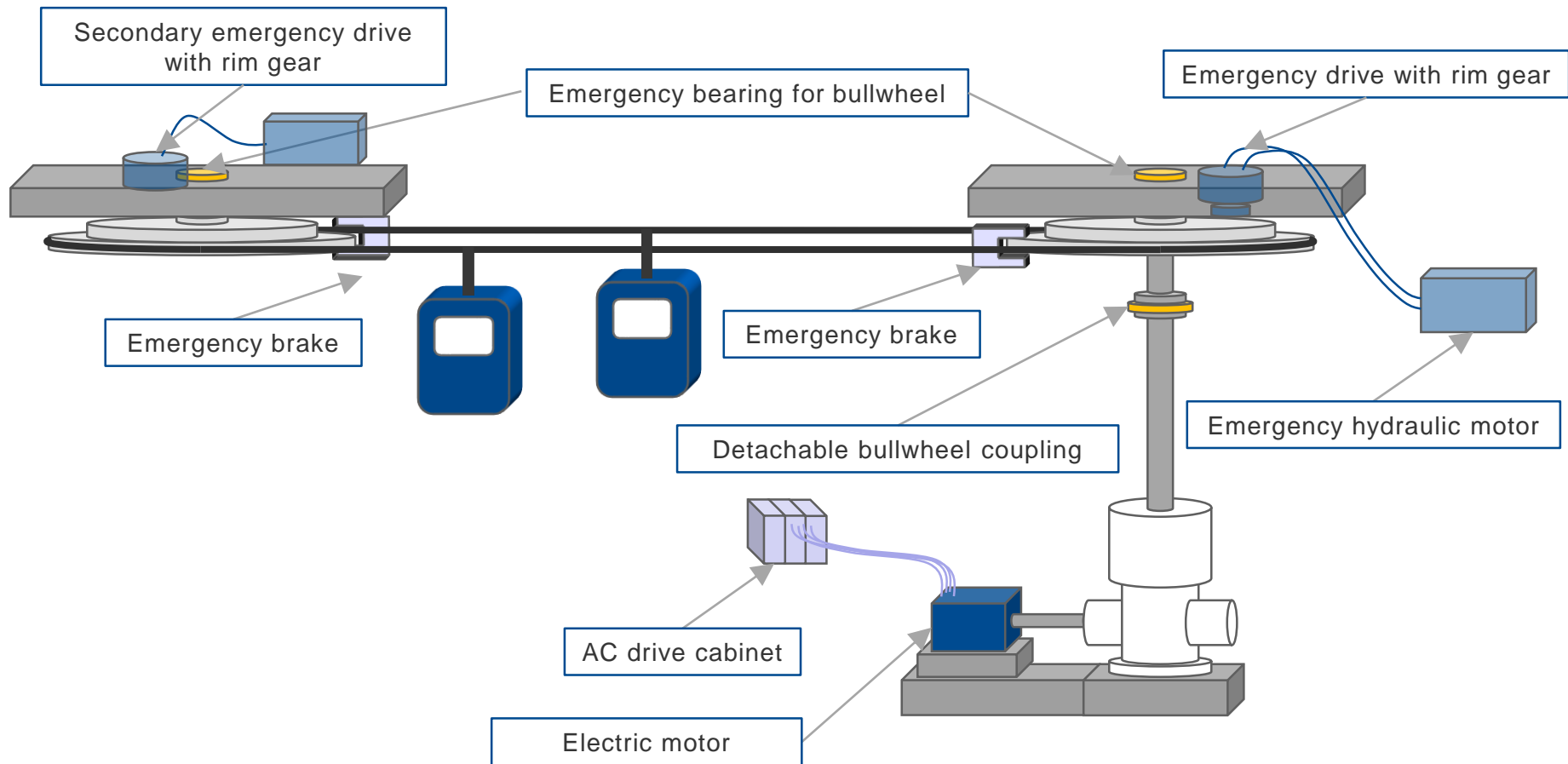
**Rope position detector (RPD)**



# Doppelmayr Integrated Rescue | Overview

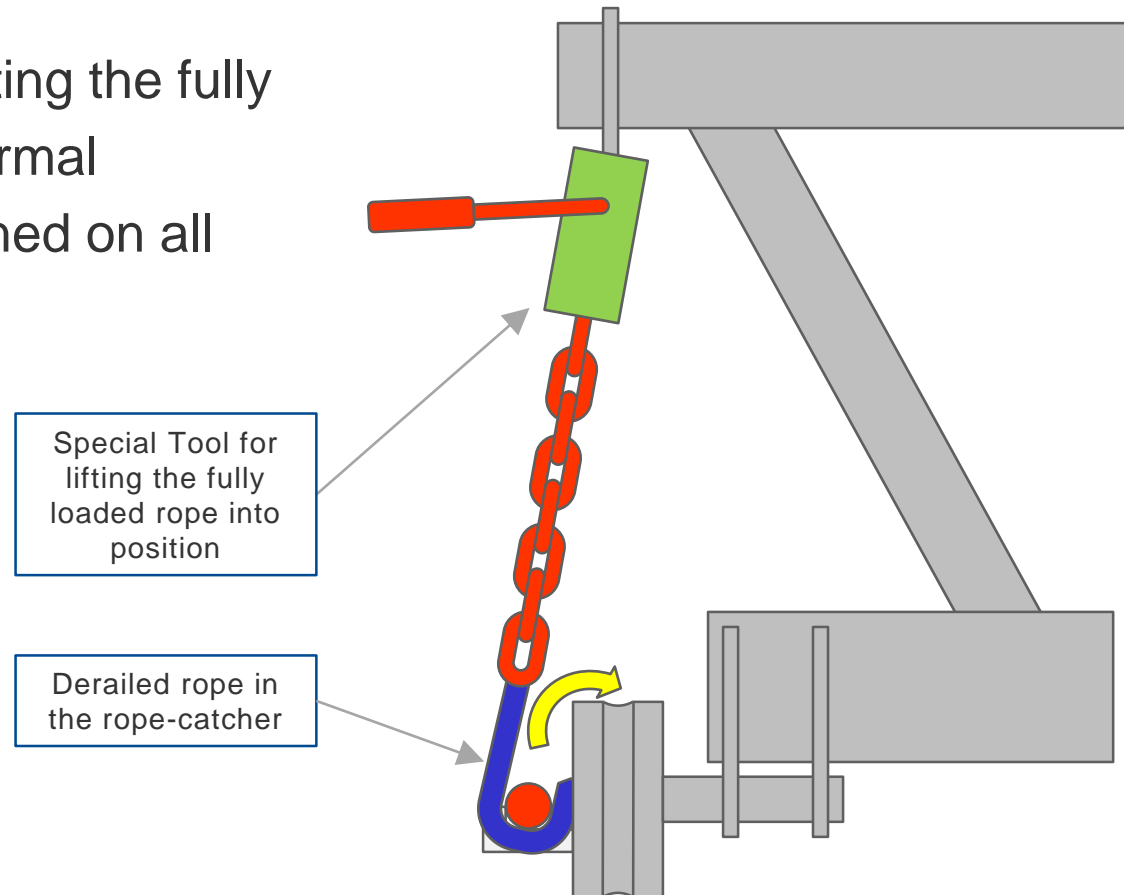
## Return Station

## Drive Station



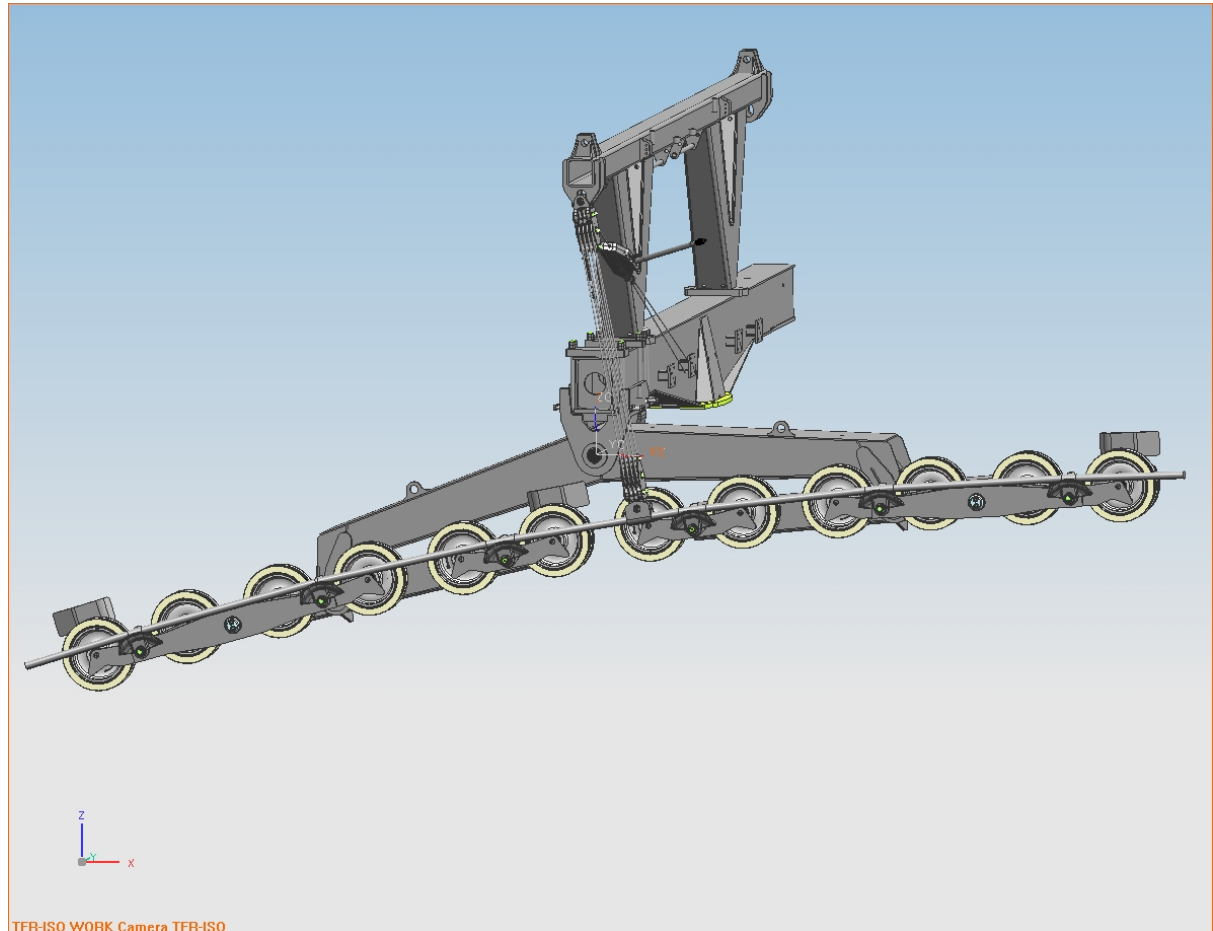
# Rope Derailment

Special Tools for lifting the fully loaded rope into normal position are positioned on all towers



# Rope Derailment

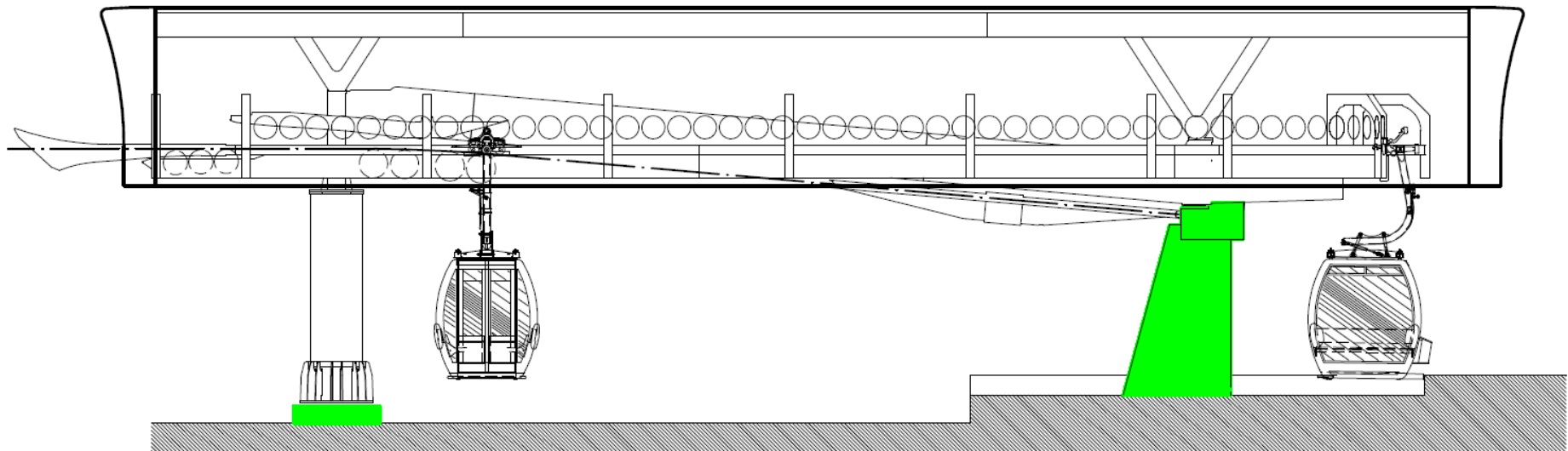
The rope is derailed on line and the rope lifting device is ready to lift the rope back into the normal position



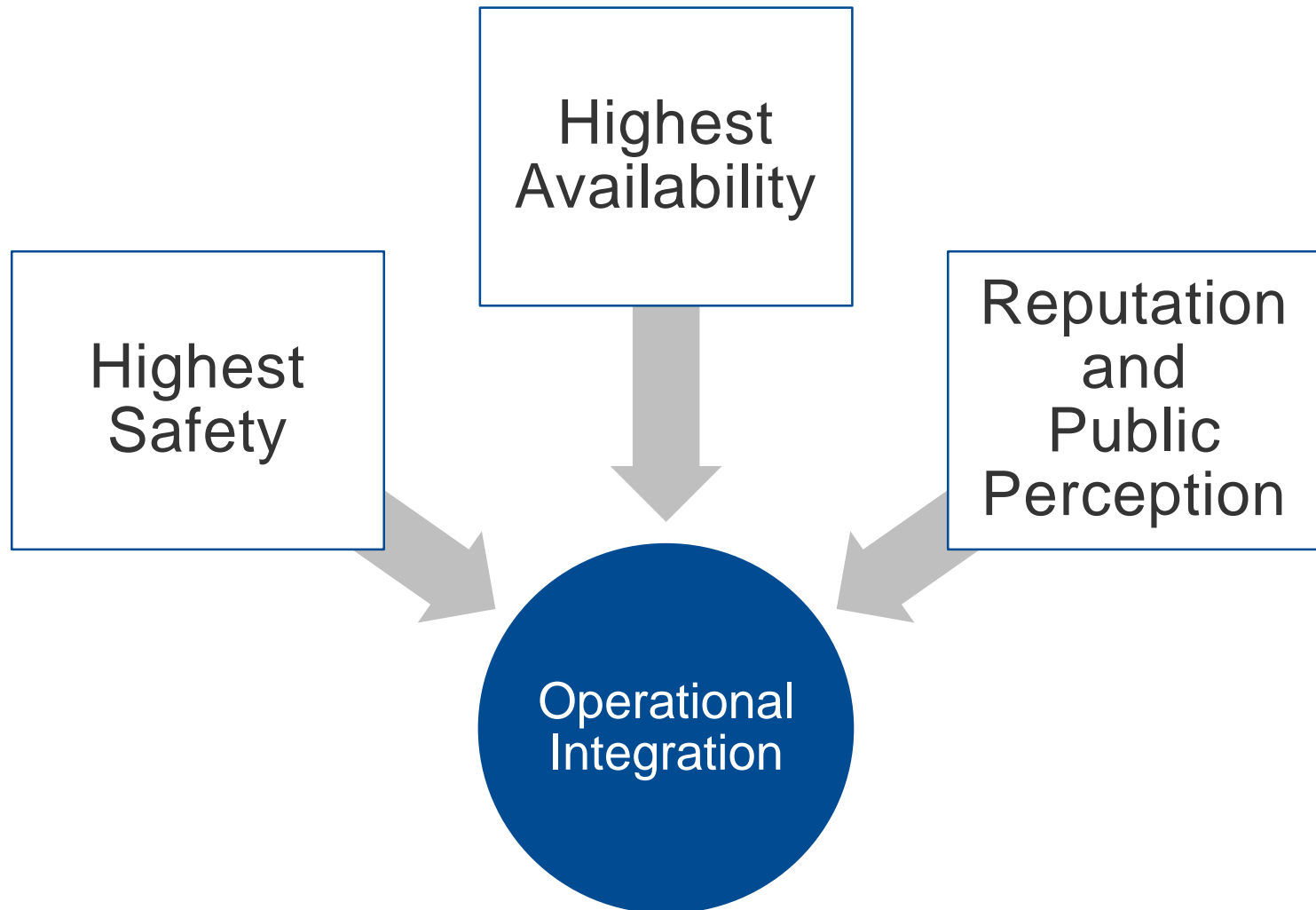


# Blocked Carrier in the Station

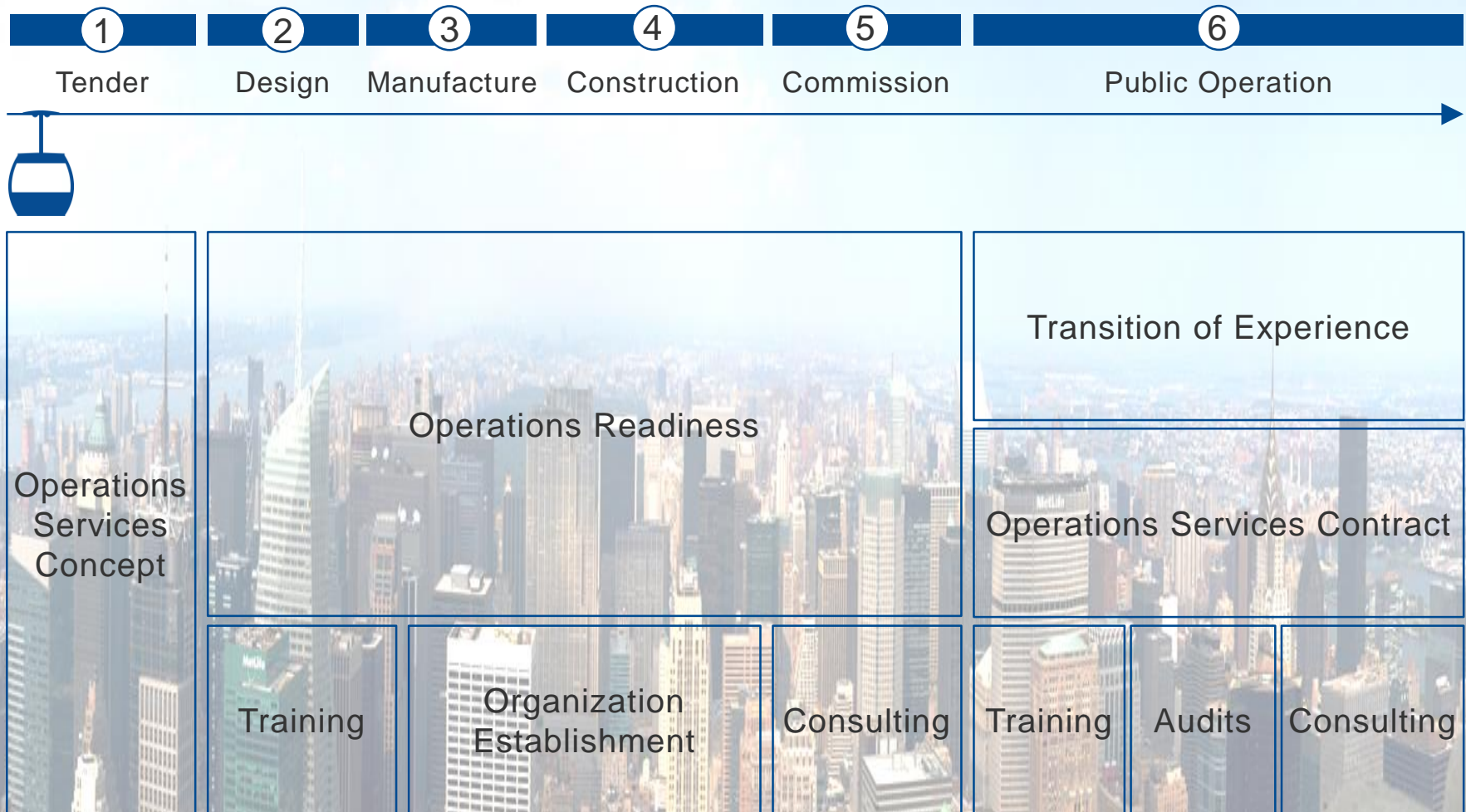
Special tools to remove a blocked carrier, i.e. permanent crane facilities installed



# Operations Services Commitment



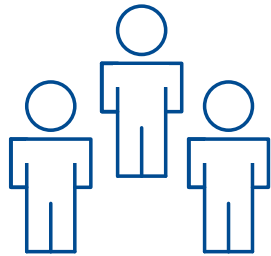
# Operations Services during the Lifecycle



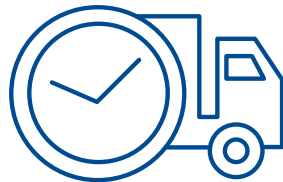
# Operating in Urban Areas

## Operational Readiness Program

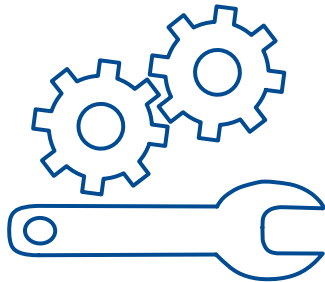
Life Cycle Management and  
Cost Controlling



Management Plan



Logistics and  
Fixed Facilities



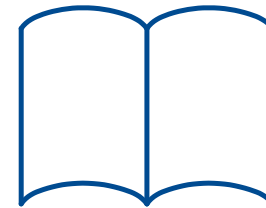
Operations and  
Maintenance



Process and  
Infrastructure Plan

## System Operations

Safety Processes and  
Handover



Quality Control Plan (QCP)



Internal and External Audits