

# PORSCHE

## The new 911 Carrera Production Workshop

Plant Quality



# PORSCHE

## The new 911 Carrera – Quality at Zuffenhausen



We are committed to the addition of **value** through **faultless** internal and external **production processes**

We produce **quality** and support the production process with **analysis know-how**

We are **specialists** in finding **lasting solutions** that create internal and external value

# PORSCHE

## The new 911 Carrera – Quality in numbers



**270** employees

split across **5** plant units in Zuffenhausen

4-cylinder Boxer  
6-cylinder Boxer  
GT-Engines  
V8-Engines  
E-Engines

**6,800** audits/DKAs  
of vehicles/year

**1,100**  
suppliers

**3** vehicle models  
**39** derivatives

Racing cars  
Super sport cars  
Premium sport cars  
Fully electric sports cars

**26,000**  
suppliers' components



### We produce quality

#### **Quality is planned:**

every single production step / hand movement is assured

#### **Key characteristics are tested:**

after every major stage of production

#### **Any variances are analysed:**

using cutting-edge methodology

#### **Causes are rectified:**

problem-solving experts implement lasting solutions

# PORSCHE

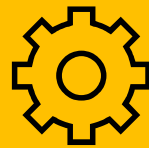
## The new 911 Carrera – Planning quality



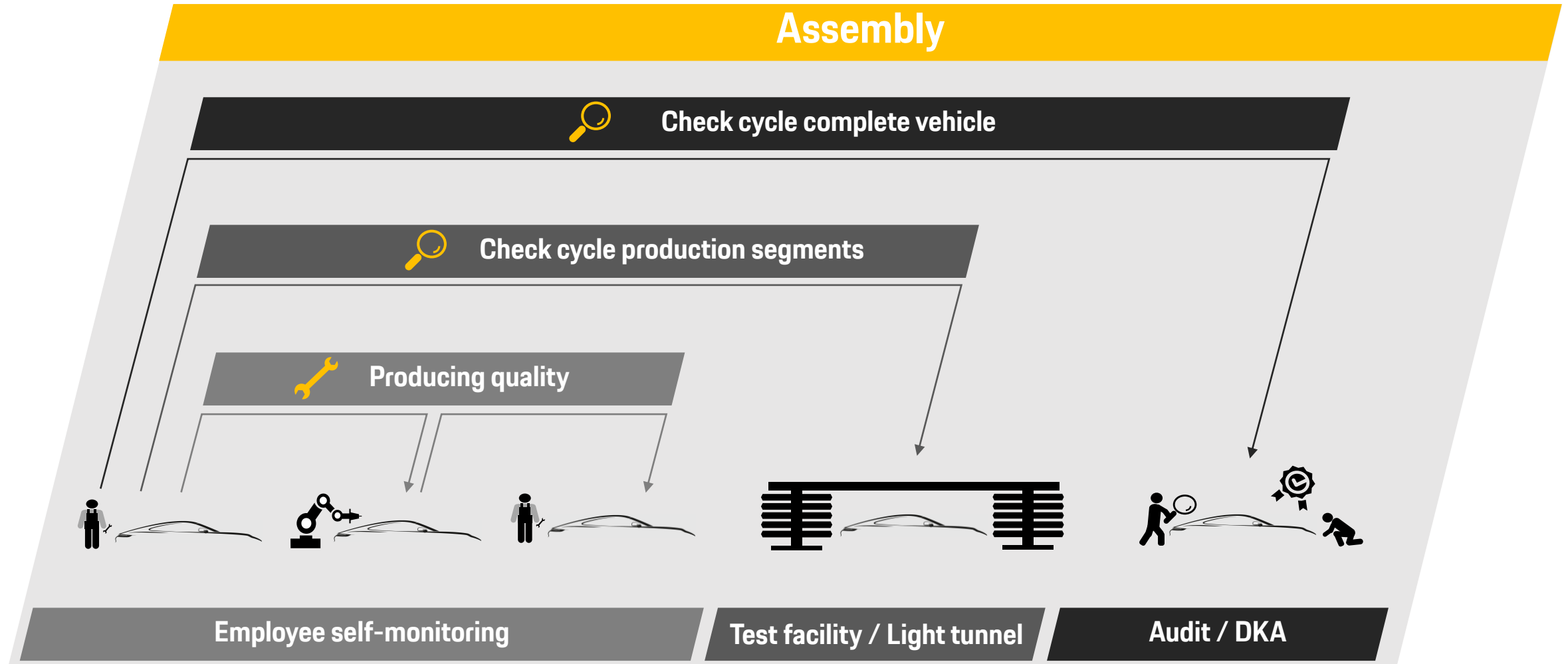
**Identify characteristics**



**Design assurance strategies**



**Implement test schedules**



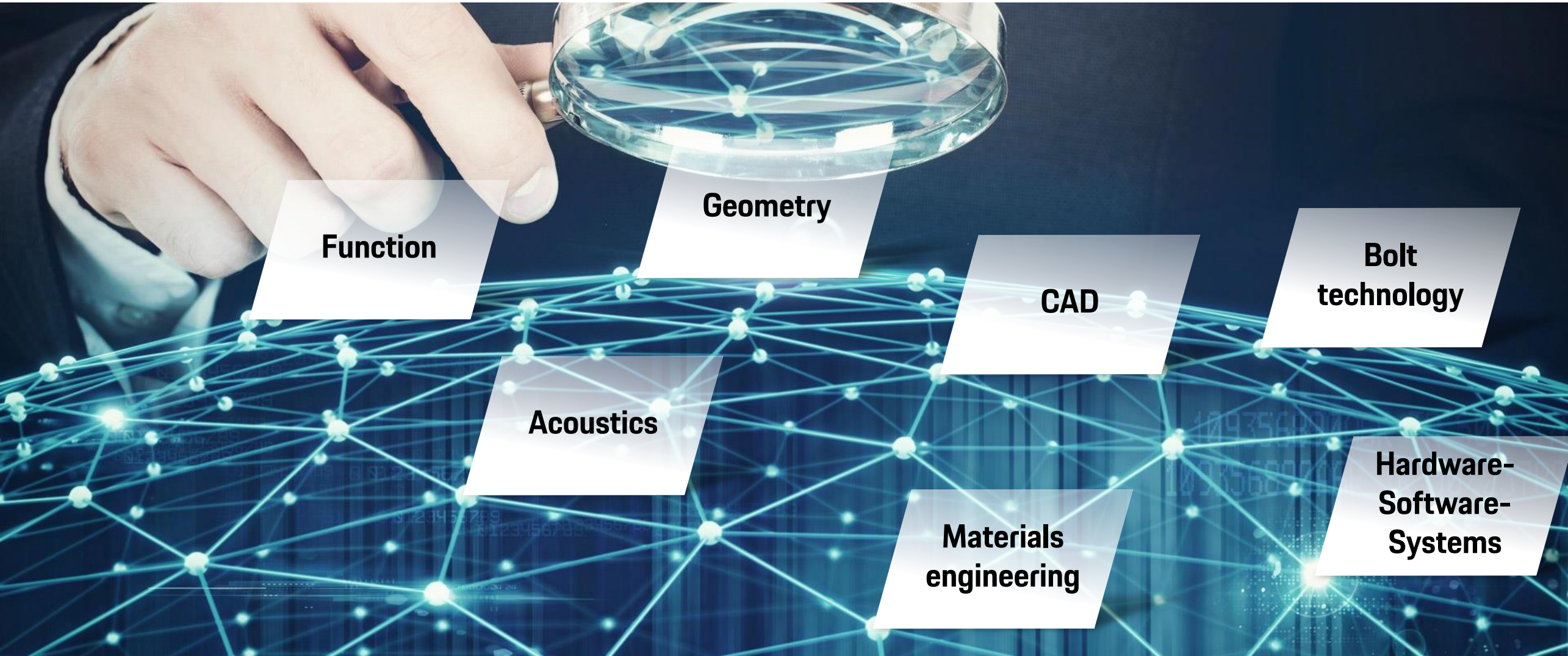
# PORSCHE

## The new 911 Carrera – Checking quality



# PORSCHE

## The new 911 Carrera – Analysing variances



# PORSCHE

## The new 911 Carrera – Perfecting product & processes

**Lasting solutions**

Define

Implement

Verify



**Vehicles  
that thrill**

„The best ever 911 “

# PORSCHE

## The new 911 Carrera – Challenge of bodywork



**3,700** check points per body

**80kN** joining forces

**16** bonding techniques

**20.8** metres of welded joints

**179** bought-in parts

**279** new robots  
in new body shop

**4,154** joining points

**181** metres of bonded joints

# PORSCHE

## The new 911 Carrera – Matching of body components

