

## The World is Changing

#### **Our Innovations Provide Answers to the Global Mega Trends**



Emerging Markets: Increasing health care access



Increase in chronic diseases and aging population



Urban population and growing upper classes



Increasing market for biotech



More selfmedication and individual medicine



Focus on Sustainability



Vaccinations as growth market



Generics as growth market



Increasing health care costs and tighter regulation



Significant growth opportunities through innovative product solutions and digital business models

## **Innovative Solutions Driving Future Growth**

#### Our Innovation is Based on Two Strategic Pillars

Moving up the value chain in non-digital products







**RTF Products** 

Gx Biologic Solutions

Short & midterm growth potential

Becoming smart in connected & digital product solutions



Respiratory



**Track & Trace** 



Micro Pump Technology



**Digital Services** 

Mid & longterm growth potential

Innovation

### Transformation into a Solutions Provider in Pharma

#### **Evolving from Products to Solutions**

**Innovative drug delivery Innovative** solutions & process/ **Smart Products** InnoSafe® service capabilities **ELITE® Glass Tungsten**free syringes RTF Vials & Track & Trace **Cartridges** Gx Biologic **Solutions Preservative free Digital Services Eyedroppers** Glass/Plastic Volume **New Packaging Solution** Design **Products Standard Solution Product** 

# **Transformation into a Solutions Provider in Cosmetics**

#### **Evolving from Products to Solutions**



### **Our Digital Success Factors**

#### Moving Into a Digital World

Digital Success Factors



**Smart Company & Digital Hub** 



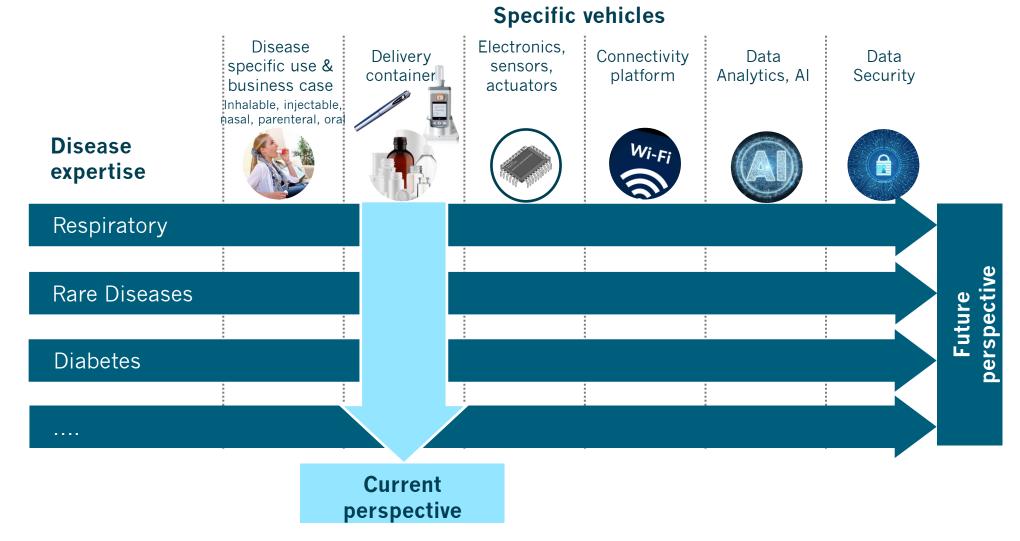
**Smart Factory** 



**Connected Devices & Smart Business Models** 

## **Transformation from Product to Patient Centricity**

**Connectivity Platform & Disease Expertise Enable Digital Business Models** 



## **Therapy Efficacy Boost by Smart Business Models**

**Example Respiratory** 

Intervention if compliance, user application or lung function requires it



Transmission of therapy compliance and lung function information

Physican /
Disease Manager
/ Payer



Transmission of information

Pays monthly fee per patient account (Value: more efficient care)

Analysis of anonymized lung function data using predictive analytics



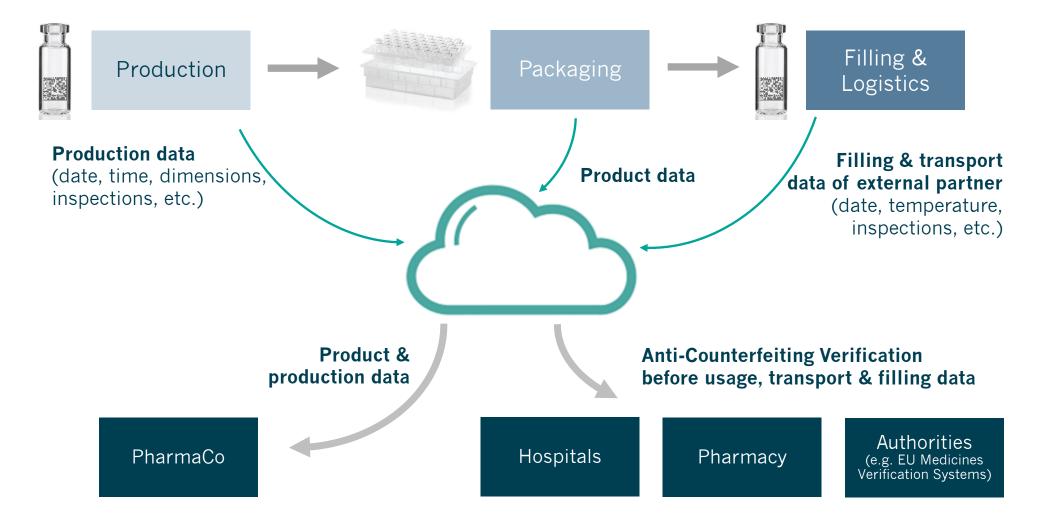
Plattform Service

Prediction of lung exacerbation



## Realtime Transparency in Primary Packaging

#### **Example Track & Trace**



## **Superior Quality & Productivity Via Smart Factory**

### **Initiatives in Progress**







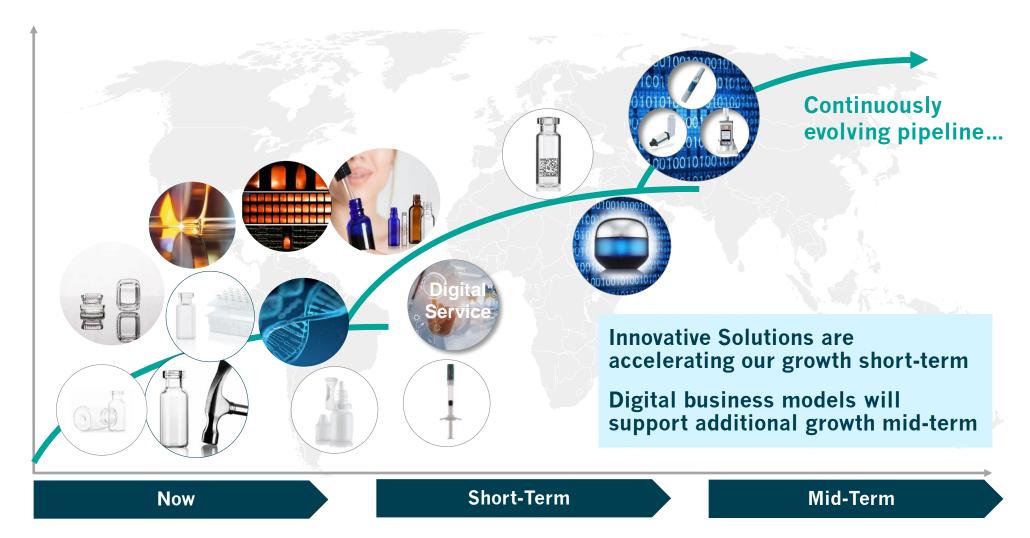






## **Clear Roadmap for Growth**

#### **Transformation into a Solution Provider**



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