



# Company Profile

# Pharma Heritage in Slovakia

1941 Slovak Alkaloids

Focused on production of morphine

1950 National company **Slovakofarma**

2003 Acquisition by Léčiva

Launch of **Zentiva** corporate brand

2009 Zentiva combined with Sanofi

2013 Acquisition by **Wood Pharma** Holding



# Who We Are

Wide range of services in 2 strategic business units:

- Contract **manufacturing** and **development** of pharmaceuticals
- Development and production of active substances

Manufacturing **600+** SKU's from more than **70** API's

Almost **20** own Active Pharmaceutical Ingredients in portfolio

Under regulation of **EU GMP** inspectors (and Russia), as well as frequent customer audits

**ISO** 14001 and 45001 in place



# Our Competence



## Pharma Plant

- Solid dosage forms
- Soft gelatin capsules
- Nonsterile liquids
- Sterile ampoules



## R&D and Regulatory Compliance

- Laboratory development
- Scale-up to pilot stage
- Validation
- Stability
- Dossier preparation
- Support in registration process



## API Plant

- Multipurpose API unit
- cGMP Kilolab



## Narcotic API's

- Morphine & Thebaine based API's
- Synthetic narcotic API's

## Other Services

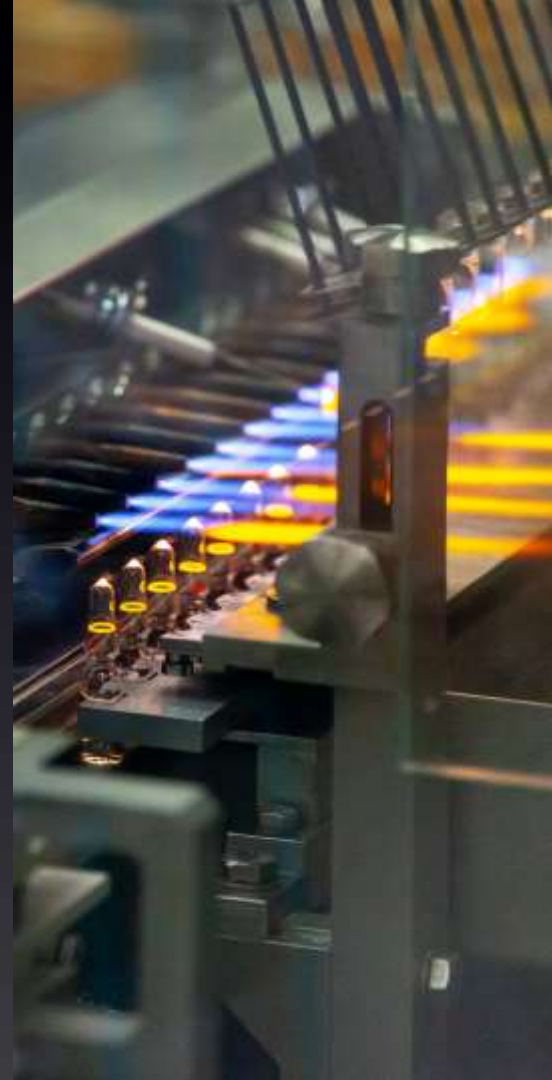
- Warehousing
- Distribution
- Transportation

# Values and Noble Mission

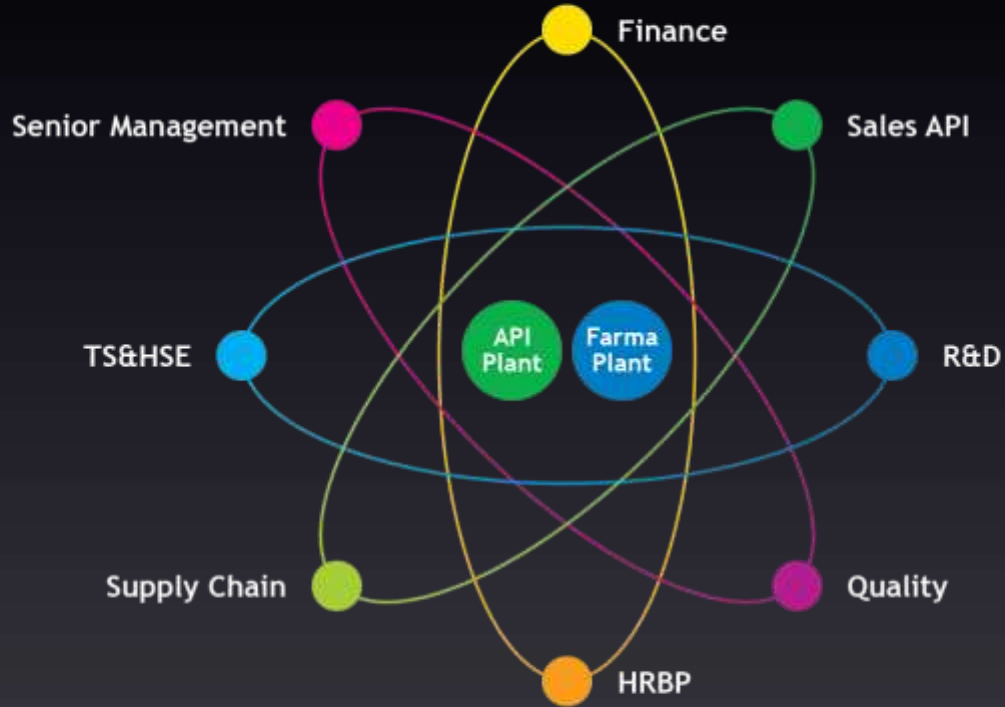
- The trust of our customers is based on the expectation of **fair** costs, **timely** deliveries, and compliance with **quality**

*We are proud of our tradition and reputation (more than **80 years**).  
We help improve the quality of life.*

- Always acting fairly and with **respect**
- Honesty and **openness** help us move forward
- Enjoying **cooperation** that leads to a **simple** solution
- Finding true **joy** in what we do
- ... and striving for **excellence**



# Organization Structure



# Pharma Production

- Blending (up to 1000 kg)
- Granulation
  - : High Shear Granulation (water based, solvent based)
  - : Fluid Bed Granulation
- Roller Compaction
- Pelletization (extrusion, spheronisation)
- Compression or Encapsulation (hard gel caps filled by powder or pellets, soft gel caps)
- Coating
  - : Film or Sugar Coating
  - : Pellet Coating (Wurster)
- Packaging (cold forming or thermoforming foils, glass bottles or plastic cans)
- Nonsterile liquids
  - : Drops, Syrups, and Sprays
- Sterile Production
  - : Injectables in ampoules 1, 2, (5), and 10 ml ampoules



# Technology in Pharma

- Blending up to 1000 kg
- High shear granulation : Diosna CGS 800, Diosna, Glatt WG800, Glatt
- Fluid bed granulation : Glatt
- Roller Compaction : Alexanderwerk WP 200 Pharma
- Pelletization : Gabler
- Compression or Encapsulation : Fette, Killian, IMA ADAPTA 200, IMA, Pharmagel
- Coating : Glatt GCSmart 950, Glatt
- Packaging : Uhlmann BEC300, IMA, IWKA, Swiftpack, Marchesini
- Sterile Production : Syntegon, Steris, Optrel, Marchesini





# API Production

- Portfolio of own IP generic API's - mainly **narcotic** substances
- Wide range of chemical and technological expertise in the field of **multi-step** synthesis of various size
- Active portfolio consists of:
  - 17 Active Pharmaceutical Ingredients
  - 2 API intermediates
  - 1 Pharmaceutical Excipient
- 13 CEP's active, 2 under registration, the rest in ASMF form
- Processes and safety know-how to handle controlled substances



# References

