

Welcome



Credimex 2017



Milestones of 65 years Credimex

Company founding in Zürich by Josef Dasser



Realization of new building in Sarnen



IMC USA Takes over Credimex



Starting of CresaCoat production

MBO by Credimex management

1949

1952

1968

1970

1990

1997

1998

2007

2009

2013

Start of Molykote distribution



Start of Enidine distribution



Start of Robotics and vision activities

ITT USA Takes over Credimex



Moving into our new premises in Alpnach



Credimex today

- Distribution, Engineering and Production
- Established in 1949
- Headquarter in Alpnach OW
- Sales office in Renens VD
- 35 employees
- Production CresaCoat 1350m²
- Independent Swiss company since 2009



Credimex 2017

Credimex AG

Robotics & Vision Systems

Components Robotics & Vision Systems
CresaSolution
CresaLine
Engineering & Feasibility Studies,
Complete Systems

Mechanical Components

Energy Absorbtion
Vibration-Isolation
Linearbearings
Special Pneumatic Components

Chem. Technical Products

Adhesive,
Sealings

Industrial Lubrications
Special Lubrications and
Epilame

CresaCoat

Tribotechnical Coating
Other Services to utilise our coating
ressources

Distribution - Engineering - Production

Surface Treatments

Our Coating Center in Alpnach provides high quality surface coatings

What are the parameters for coating

- High Compressive Load
- Slow Movements
- Oscillating Movements
- Extreme Enviromental Conditions
- Corrosion protection

Our coatings

- MOS2
- Graphite
- PTFE
- Synthetical
- Zinc flacs



Tribological Coating

- Bulk processing with dip spin & tumble spraying
- Single parts processing with spraying

Bulk processing



Single parts processing



Coating Process



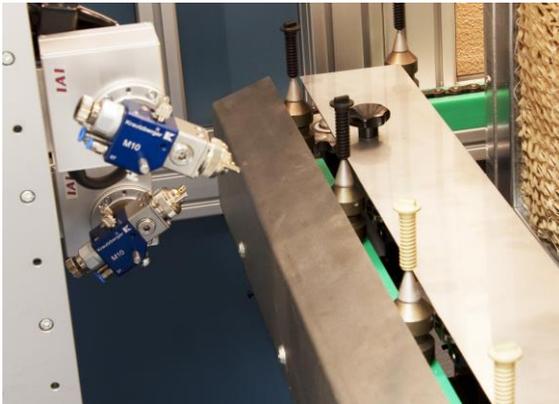
Pre Cleaning



Blasting



Ultrasonic cleaning



Spraying



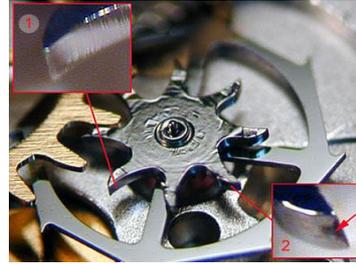
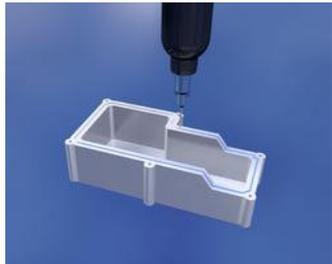
Dip Spining



Tumble Spraying

Chemical / Technical Products

- Industrial lubricants
- Special oils, greases and paste
- Industrial sealants and adhesives
- Corrosion protectors



Chemical technical product innovation; DELO Industrial adhesives

DELO

- ... has more than 50 years of experience
- ... turnover grows > 10% yearly
- ... investments in the future:
 - > 15% of the turnover invested in R&D
- ... lives innovation:
 - > 35% turnover with products less than 3 years old
- ... is everywhere
 - in every car
 - in every second mobile phone
 - in 80% of chip cards

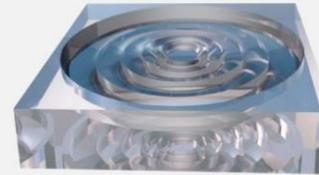
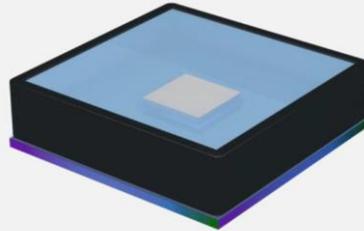


A few interesting DELO adhesive applications

Wafer stacking



Chip molding

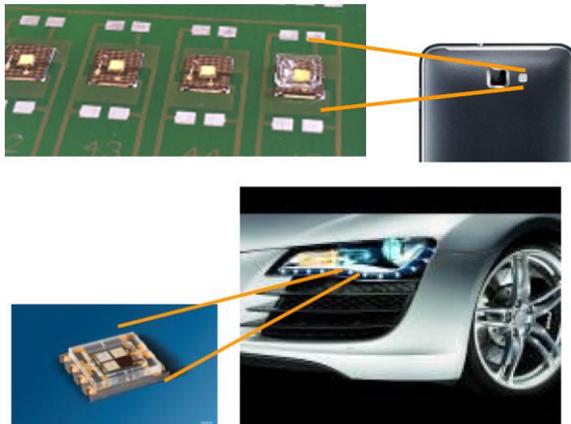


Lens imprint

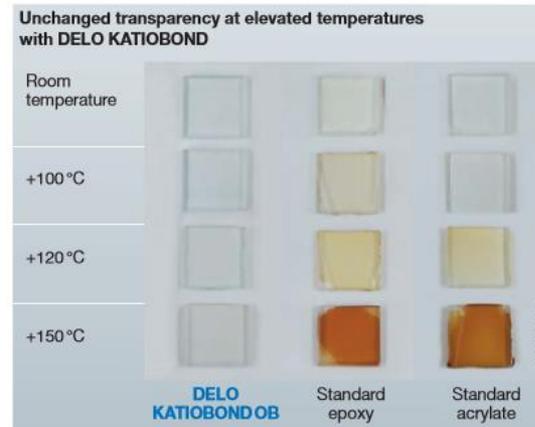


Nano imprint

LED Lens and reflector bonding



Optical stability



Video Packaging



Mechanical Components

- Energy absorbent components
- Vibration isolation
- Linear motion components
- Pneumatic valves

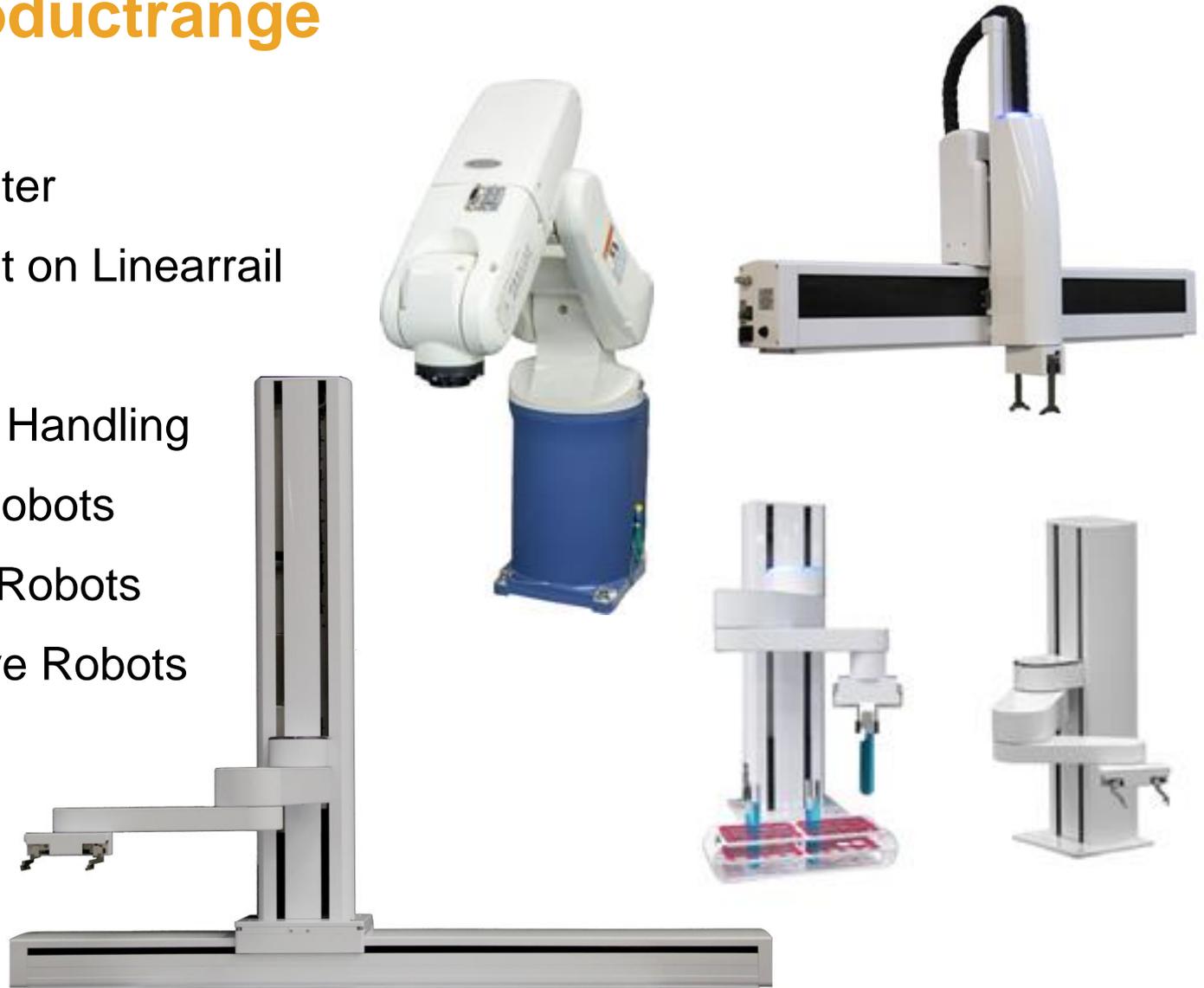


Robotic & Vision Systems



Robot Productrange

- Scara Roboter
- Scara Robot on Linearrail
- 6-Ax Robot
- Multi-Robot Handling
- Cartesian Robots
- Single Axe-Robots
- Collaborative Robots



Vision Systems



Vision- Systems



ID-Readers
Identification



Vision Sensors



3D - Profiler

New In-Sight 7000 Series - Flexibility



Multiple Processing Speeds



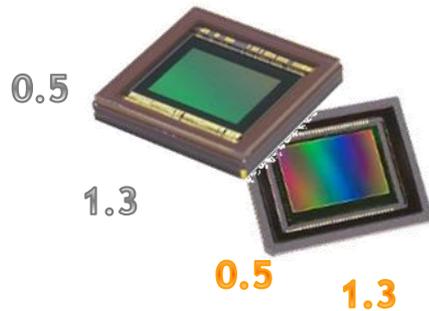
Industrial Housing



Flexible Lighting and Optics



Spreadsheet and EasyBuilder

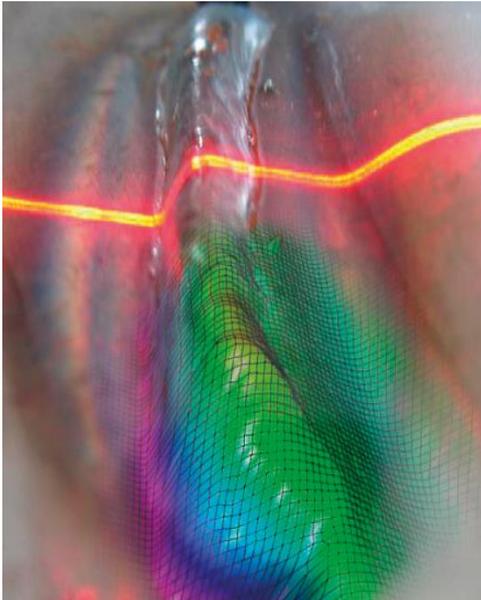


External Light Control



Industrial Protocols

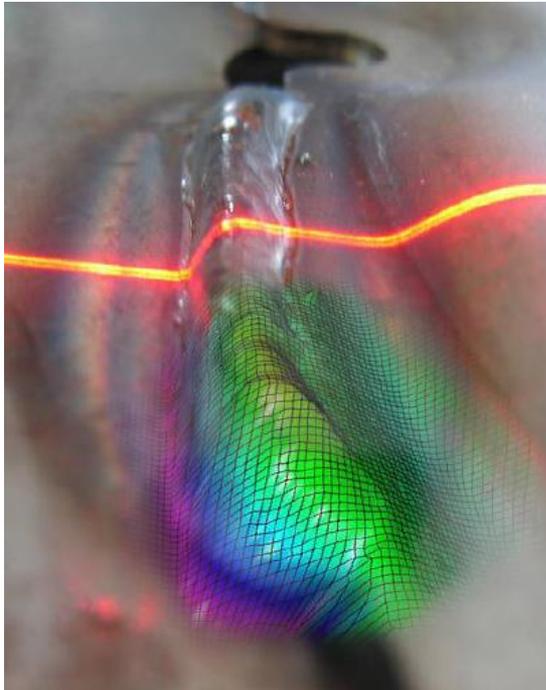
3D-Laser Triangulation



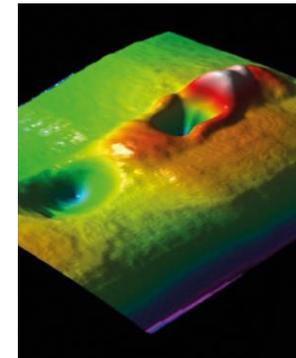
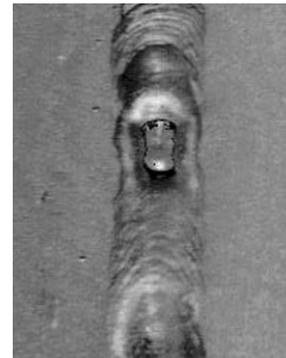
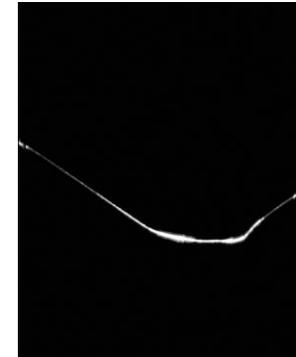
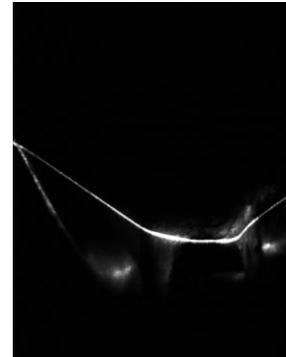
CresaLine – Prozesskontrolle

3D- Laser Triangulationsprinzip

SmartRay 

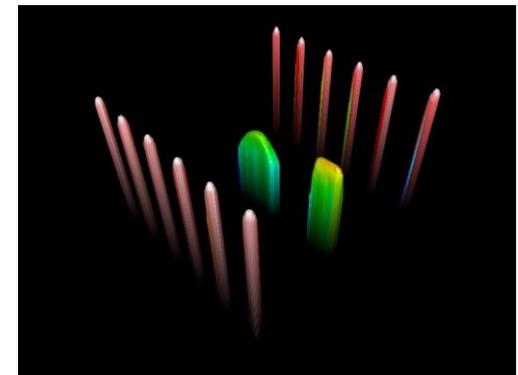
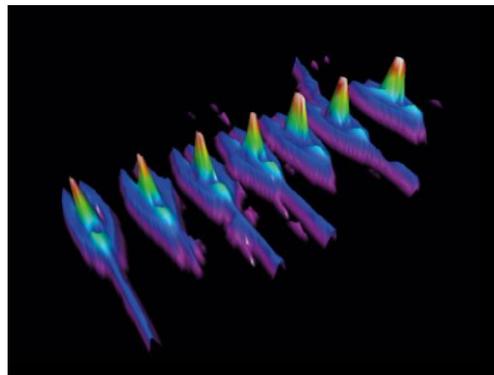
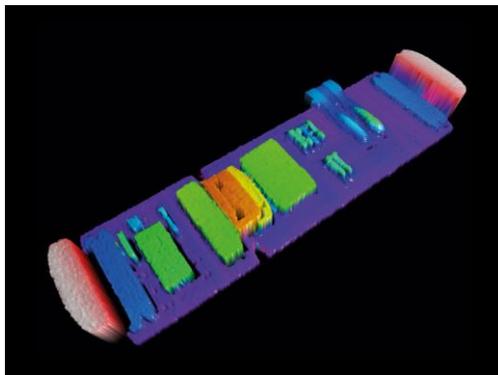
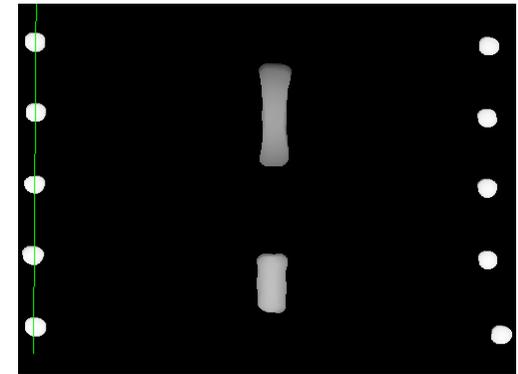
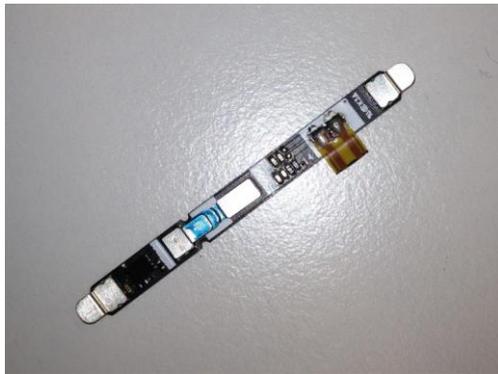


3D- Laserscanner



Process-Control

PCB & Connectors - Inspection 3D-Laserscanner



Shape from Shading System

trevista®

Surface inspection in a new dimension
Shape from Shading technology



Robotic & Vision Systems Solutions

- CresaSolution
- CresaLine



CresaFlex – Flexible pick and place with IAI Roboter, Cognex Vision System, Anyfeeder & Software-Modul

CresaFlex 

CresaLine – Innovative, modular automation line with configurable intelligent process stations



 **CresaLine**
innovation by Credimex

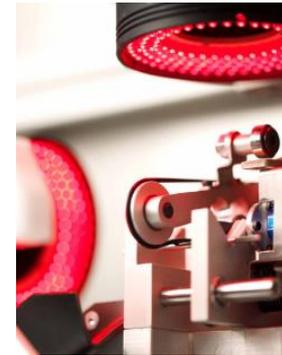
CresaBond 



CresaFlex 



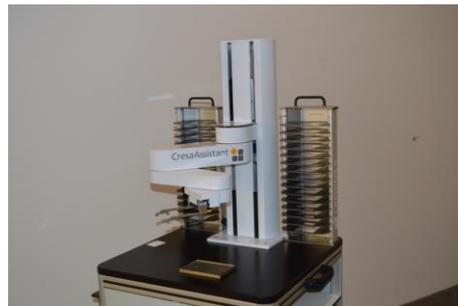
CresaCheck 



CresaStudy 



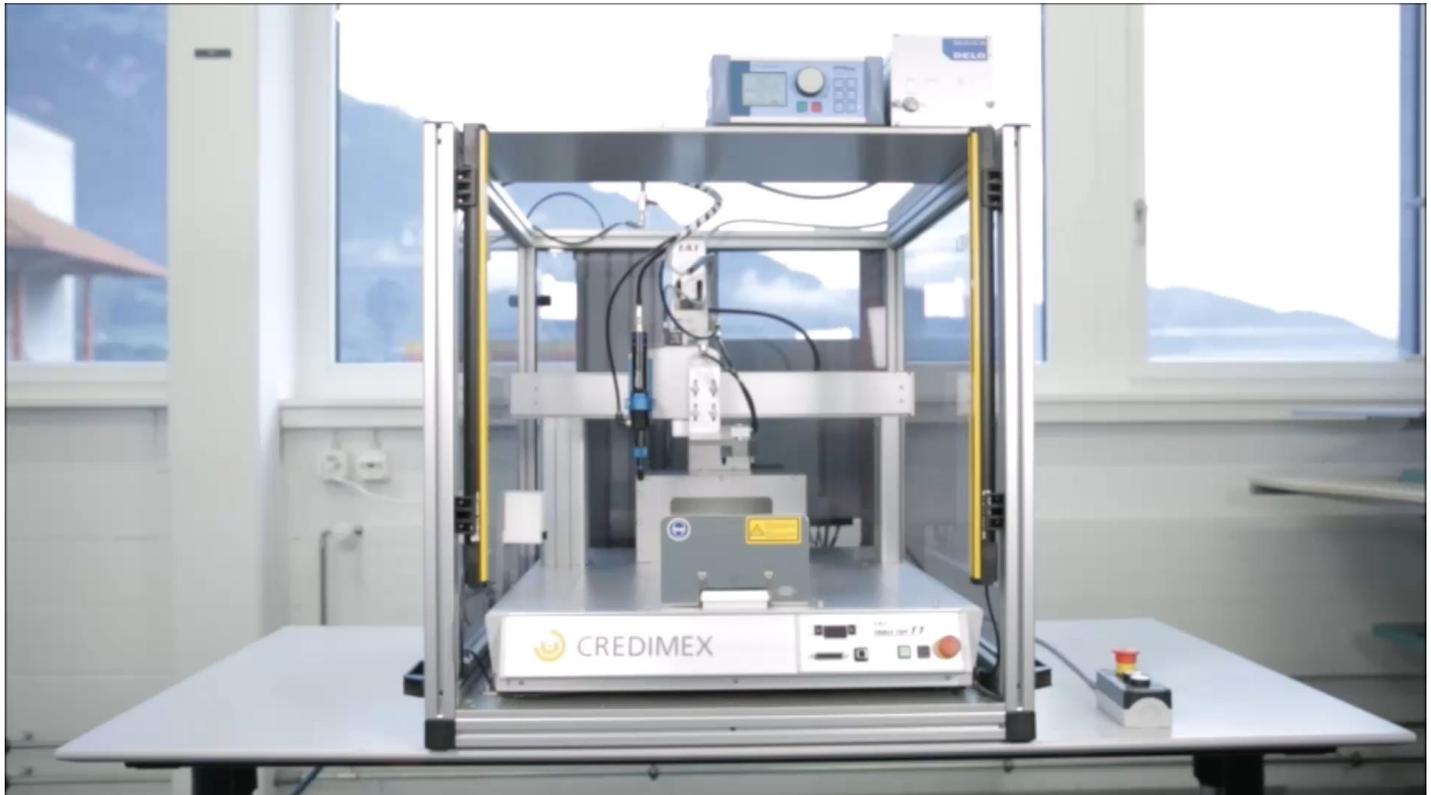
CresaAssistant 



CresaMove 



Video CresaBond



Credimex CresaLine



[CresaLine-Video](#)

Any question?

Thank you for your attention

