



3-Axis Vibration Technology  
Innovation by asyriil



« A traditional bowl feeding system was too complicated due to the diversity and complexity of our parts. Asyriil's solution is extremely flexible and was therefore a natural choice. »

François Mottier,  
Project Manager

## Integrated Asyriil products

- Flexible feeding systems Asycube 80 and Asycube 50
- Intelligent vision system SmartSight



## Advantages

- Gentle feeding of parts
- Quick and easy product changeover
- Optimized integration and programming time thanks to intelligent vision system
- Increased productivity

# Assembly of prosthetic dental implants

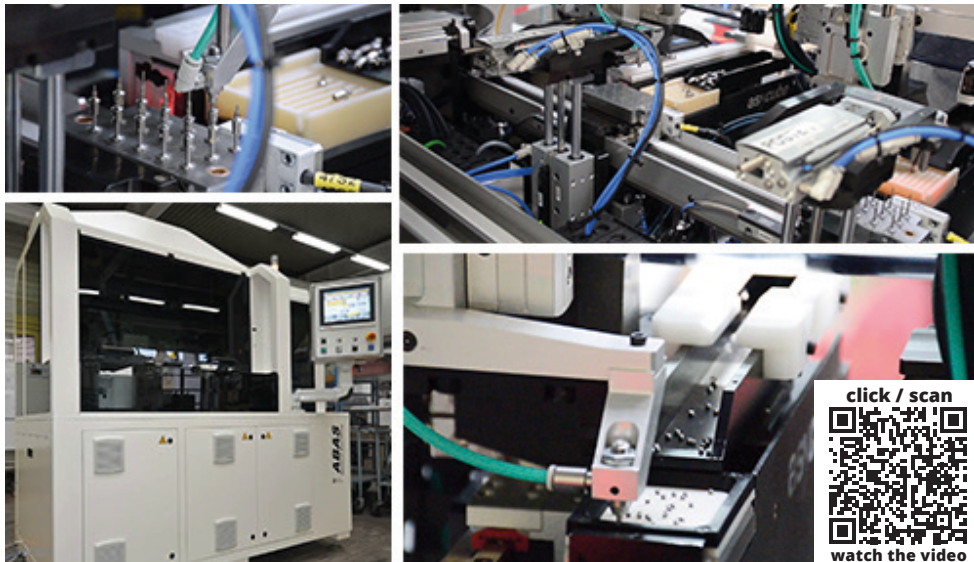
A flexible production system, by Dentsply Sirona

## Challenge

- The variety of prosthetic dental implants from Dentsply Sirona, one of the world's leading dental technology suppliers, must meet the highest standards of quality and flexibility. Since each dental implant is unique, a **product changeover** from one variant to another **must be easy, fast, and highly reliable**.
- During the feeding and **precision assembly** process, it is imperative to guarantee and maintain a flawless finishing of the **delicate parts**, in order to exclude any risk for injuries.

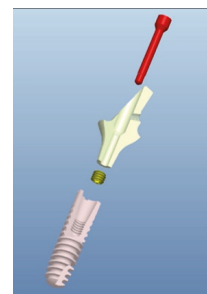
## Solution

- Dentsply Sirona's subsidiary Advanced Technologies created a **flexible assembly machine** to produce the different prosthetic dental implants.



The installation consists of:

- two **Asycube 80** with structured platforms to correctly orient the components;
- an **Asycube 50** to feed small screws;
- and an **Asyriil SmartSight** intelligent vision system, featuring an intuitive HMI, easy communication with the PLC and seamless recipe management.



### Asyriil SA

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