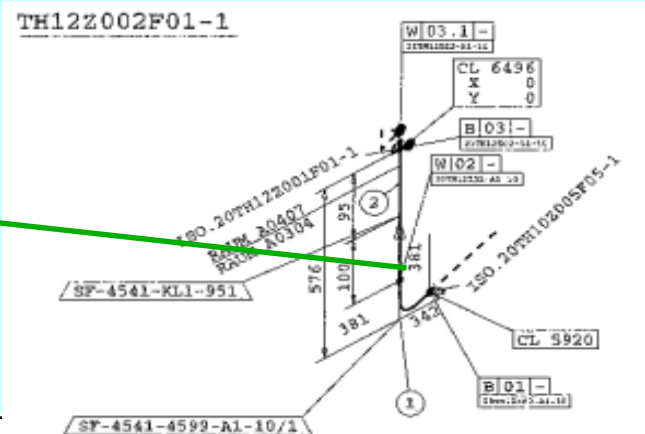
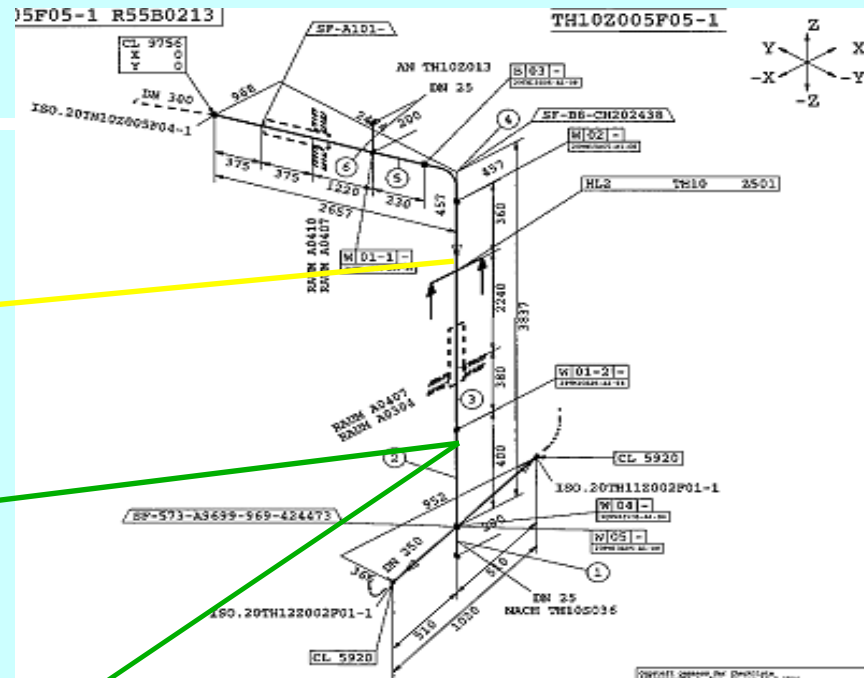
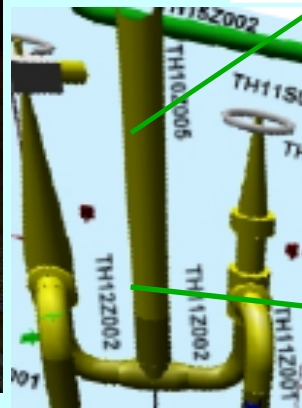
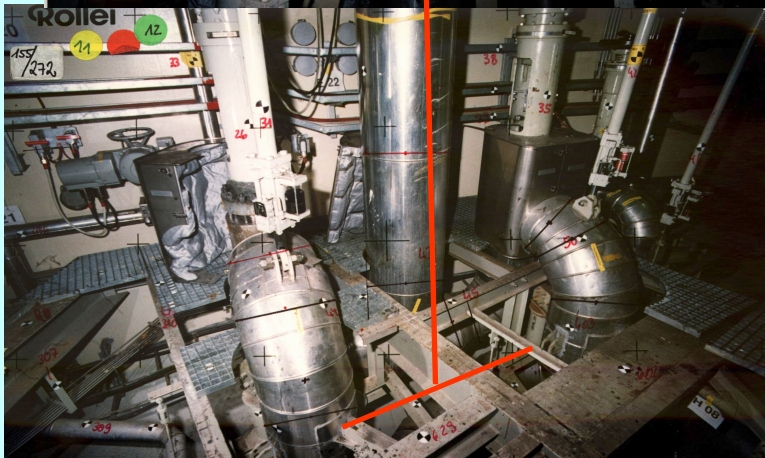
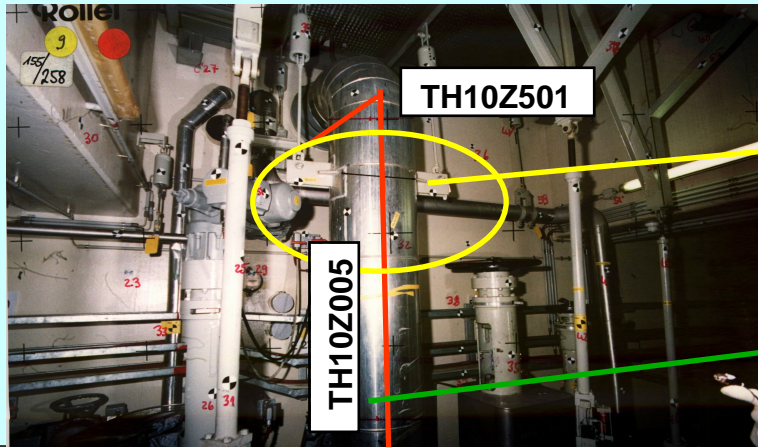
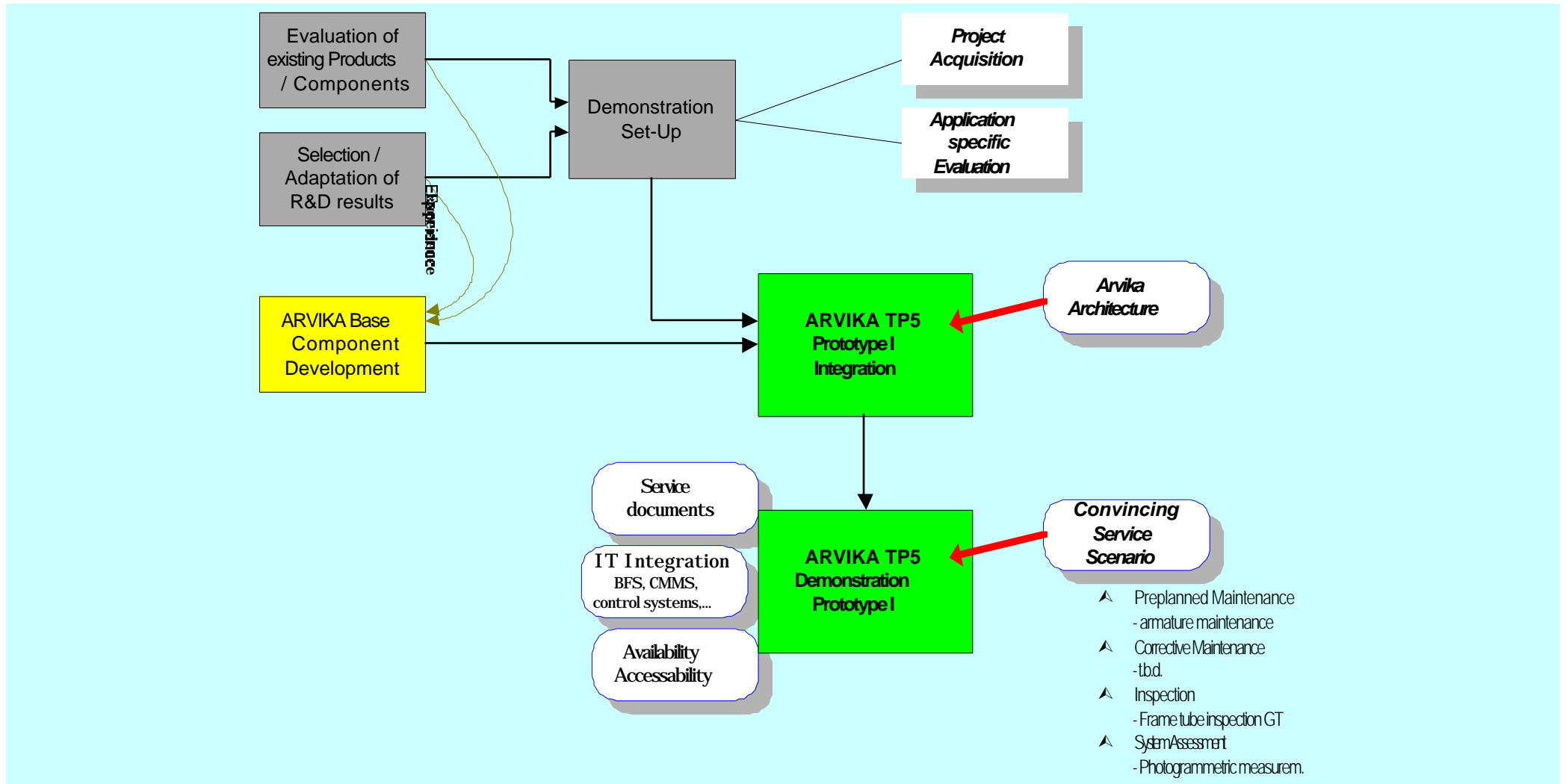


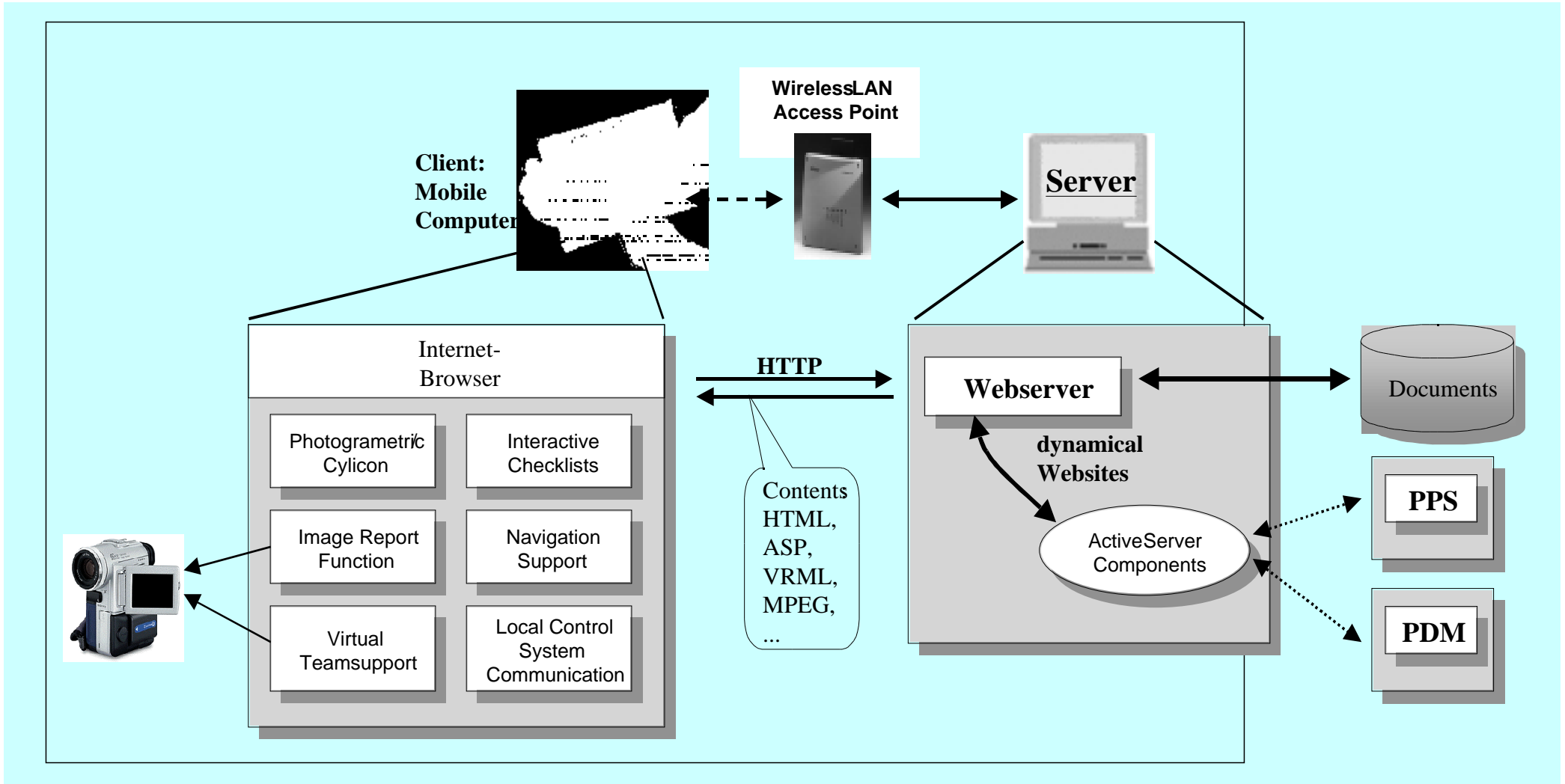
Superimposition of virtual and real images



TP5.1 - Prototyp I Demonstrator



TP5.1 - Prototyp I Demonstrator



Scenario´s

1.1 Support test

1.2. Pressure Test at the Reserarch Reactor

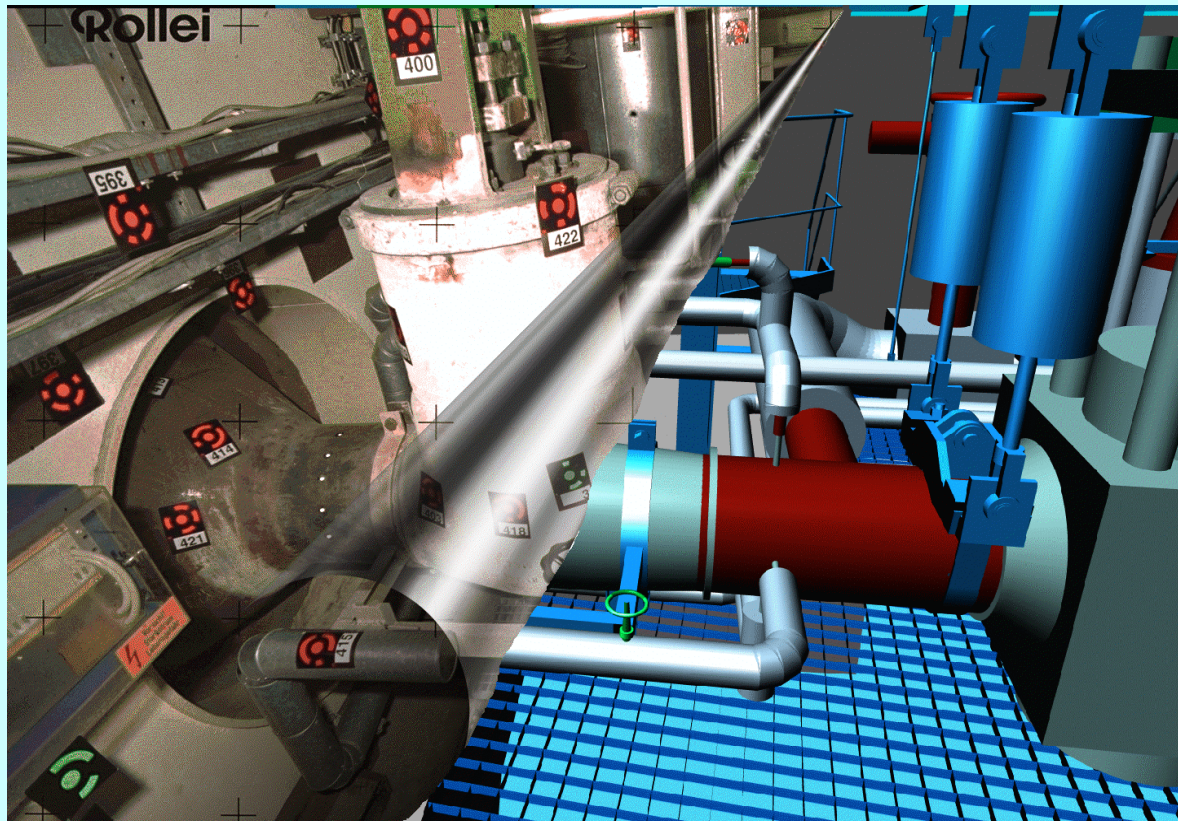
1.3. Component Maintenance

1.4. Support of the Corrective Maintenance

1.5. Plant Documentation using „FastForm“

.....

Sceanrio1.5. **Plant Documentation using „FastForm“**

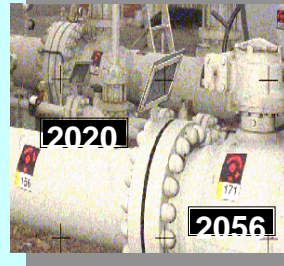


FastForm Workflow

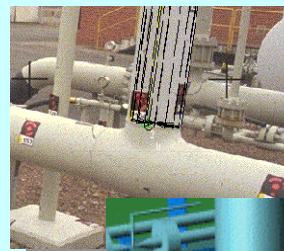
Taking photos on site



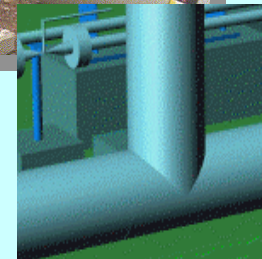
Calculating camera's positions = 3D
orientation of photos



Measuring the objects
(vessels, piping, HVAC)



Construction of the 3D-CAD model



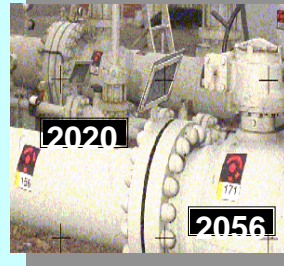
„FastForm“ Workflow

FastForm: a Modular System

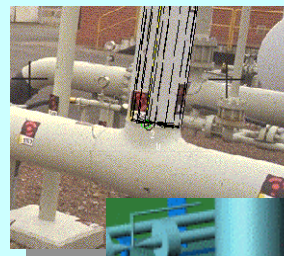
Taking photos on site



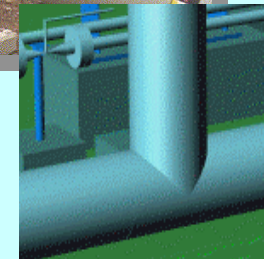
Calculating camera's positions = 3D orientation of photos



Measuring the objects
(vessels, piping, HVAC)



Construction of the 3D-CAD model



Products

Visual Plant Navigator

Photodatabase

3D-Model