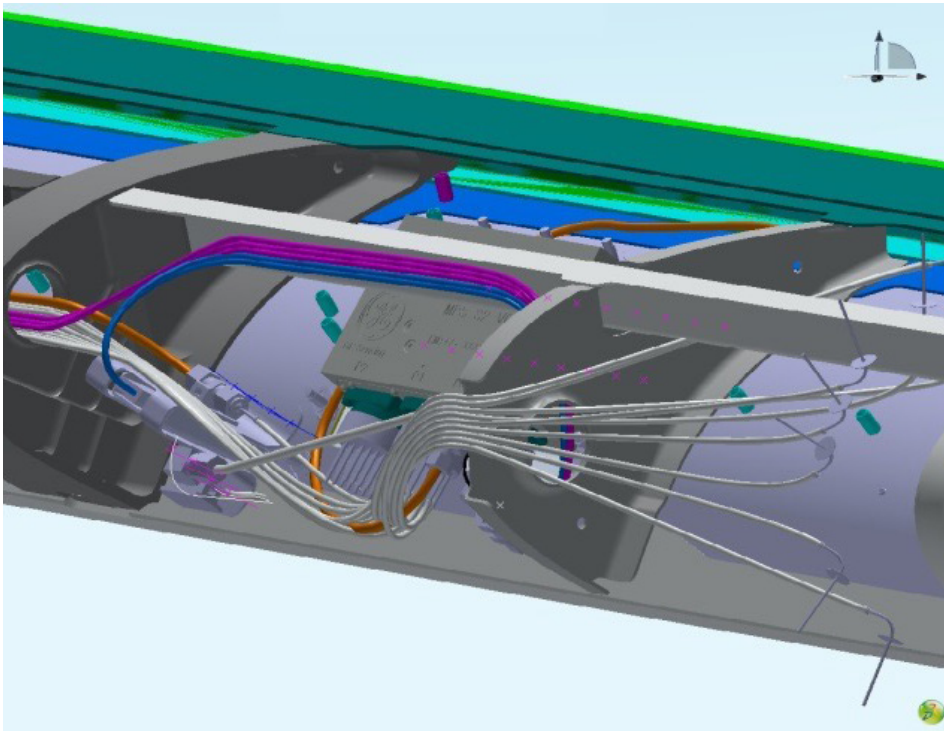
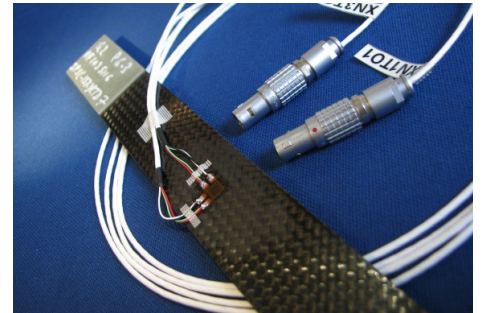


Instrumentation & Measurement Services

- Certified experts team
- Innovative and pro-active specialists
- More than 30 years experience
- Last generation measurement equipments
- Instrumentations of all kinds



Catia 3D numerical model



CFRP specimen instrumentation



Connector allocation

Enhancing your end to end instrumentation & measurement requests from design to R&D, industrialization, and structures at serial standard



Strain gauging on CSO satellite

DIFFERENTIATORS

- Certified expert teams, trained to the most recent technologies
- Innovative and pro-active specialists oriented to excellence
- Large field of experience with all kind of sensors for various harsh environments
- Numerous equipment of last generation for accurate and reliable experimental measurements
- Instrumentations of all kinds from smart R&D, prototyping to certification tests

End to end instrumentation & measurement services from design to industrialization, with large design and industrialization expert teams and advanced equipment, in the utmost respect of the requirement and quality level of your business

SERVICE IDENTIFICATION

LOCATION :

Gosselies – Belgium

EXAMPLES :

- Flight tests for Airbus A350 Slats, A400M MLGD, EMBRAER E2 flaps & slats, DASSAULT F7x slats and FLE,...
- Certification Tests: strain gauging on A350 hybrid slats and droop nose devices, Cseries slats static, fatigue and damage tolerance tests.
- Instrumented prototypes: Full scale wing section of BD500 anti-icing system certification.

CUSTOMERS

Airbus, Airbus Defense and Space (Astrium), Bombardier, Dassault Aviation, Embraer, Pilatus, ESA, ...

STATE-OF-THE-ART MAIN FACILITIES

- Instrumentation Lab: 250 m² [2700 ft²]
- Dielectric strength tests bench: 50 m² [540 ft²]
- Flow & vibrations test benches: 250 m² [2700 ft²]
- Data loggers, up to: 200 channels

QUALIFICATION

- EN 9100
- ISO 14001

CONTACT : Jean-Louis Magerman
 Prototype & Test services Manager
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VALUE STREAM MAPPING

- ① Enhancing customer specifications
- ② Design & 3D modeling
- ③ Specific application lab validation
- ④ Instrumentation & Measurement
- ⑤ Functional testing
- ⑥ Conformity & Quality inspections
- ⑦ Final reporting
- ⑧ Lean Management

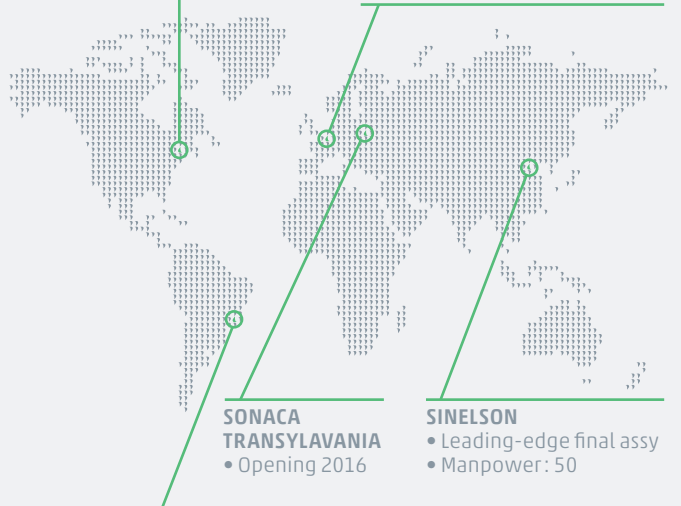
GLOBAL FOOTPRINT

SONACA MONTREAL

- Wing structures
- Manpower: 310

SONACA GROUP HEADQUARTERS

- Engineering - R&D Center
- Elementary parts & Final assy.
- Manpower: 1830



SONACA TRANSYLVANIA

- Opening 2016

SINELSON

- Leading-edge final assy
- Manpower: 50

SOBRAER

- Engineering-Final assy
- Manpower: 280

SOPEÇERO

- Sheet metal parts
- Manpower: 80

PESOLA

- Machined parts
- Manpower: 50