TODAY'S TECHNOLOGY FOR TOMORROW'S FARMER
In a nutshell …

▶ Independent SME
▶ Created in 1994
▶ Based in Leuven and Gembloux (BELGIUM)
▶ 50 people
▶ Turnover of 7 M EUR
▶ Long track record in agriculture

SOLID PARTNERS.

FLEXIBLE SOLUTIONS!
A unique profile

GIS & AUTO DATA PROCESSING

GIS APPS DEVELOPMENT

EARTH OBSERVATION

LOCATION INTELLIGENCE

Decision Agriculture - Vincent Tigny - 11/06/2015
A TEAM OF AGRONOMISTS!
UNLOCK VALUE FROM IMAGERY
TURNING IMAGERY INTO SMART AND ACTIONABLE INSIGHT
Our goal in agriculture

OPTIMIZED YIELD WITH MINIMIZED EFFORT
IDENTIFY THE ZONES WITHIN YOUR FIELDS THAT REQUIRES SPECIAL ATTENTION
INDUSTRIAL AGRICULTURE. VHR EO DATA. HIGH FREQUENCY.
SEED PRODUCTION CROPS
ORCHARDS
Understand variations in crop conditions

SOIL PROPERTIES
Not only maps but QUANTITATIVE ANALYSIS (metrics) coupled with topographic analyses (slope and exposure)

Demonstrated impact on vegetation

- Production plan optimisation
- Parcels selection
- New farmers selection
- Irrigation management
Understand variations in crop conditions

WATER STRESS
Understand variations in crop conditions
Understand variations in crop conditions

PESTS
Understand variations in crop conditions
➡️ Relevant and objective information
➡️ Complete vs partial overview
➡️ More information, more often
Crop conditions monitoring (NRT analysis of repetitive collections)
Targeted field scouting (when and where required)
Site specific crop management
Irrigation management
Optimal use of inputs (fertilizers, etc)
Detection of crop management practices & impact assessment
Harvest and logistics optimisation
ANOMALY DETECTED IN THE SATELLITE IMAGE

Nothing detected by the technician in the field

2 weeks later crop issues become visible in the field
How GIM differentiates?

BEYOND DATA & MAPS.

DECISION AGRICULTURE.
INSIGHT + INTEGRATION

TARGETED CROP SCOUTING for BETTER DECISIONS
MOBILE, V.R.A., Farm M.S., ...
The farmer’s decisions

- The right input
- The right amount
- The right time
- The right location
In other words ...
Exciting Future

SkyBox Imaging
PLANET LABS
RapidEye+
UrtheCast
OmniEarth
ESA Sentinels
Landsat Data Continuity Mission
WorldView-4
DAURIA AEROSPACE
UAS

NEW SOURCES. BETTER RESOLUTION.
IMPROVED REPETITIVITY.

More opportunities!
THANK YOU!

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