



Belgisch **Wegen**congres
Congrès belge de la **Route**

LEUVEN • 4-7.04.2022

Digitalisatie van Constructie via open standaarden





Digitalisatie van Constructie via open standaarden

ISO 15143-4

Als Software en Service provider, erkent en omarmt Arkance de noodzaak om een infra open BIM oplossing te creëren, om aan de behoeften van al haar stakeholders te voldoen. Hoe gegevens naadloos kunnen stromen en ten dienste staan van eigenaars, ontwerpers, aannemers en exploitanten, met behulp van oplossingen op basis van open formaten en normen (IFC, Inframodel, LandXML, ISO 15143-3/4,...) om de informatie beschikbaar te maken voor elke deelnemer van het ecosysteem.



Welkom

Bram JANSSENS

Teamleader Application Engineers
Allterra Belux / Sitech Belgium



Simon VERCAUTEREN

Industry Sales
Arkance Systems Belux



ARKANCE

A COMPANY OF THE MONNOYEUR GROUP



Monnoyeur DNA:

● ACTOR OF THE (R)EVOLUTIONS OF THE CONSTRUCTION INDUSTRY

1906



2022

Who is ARKANCE?

**Groupe
Monnoyeur**

Digitalization of the
Construction
industry




ARKANCE

Partner to Build Smarter

OUR TEAM



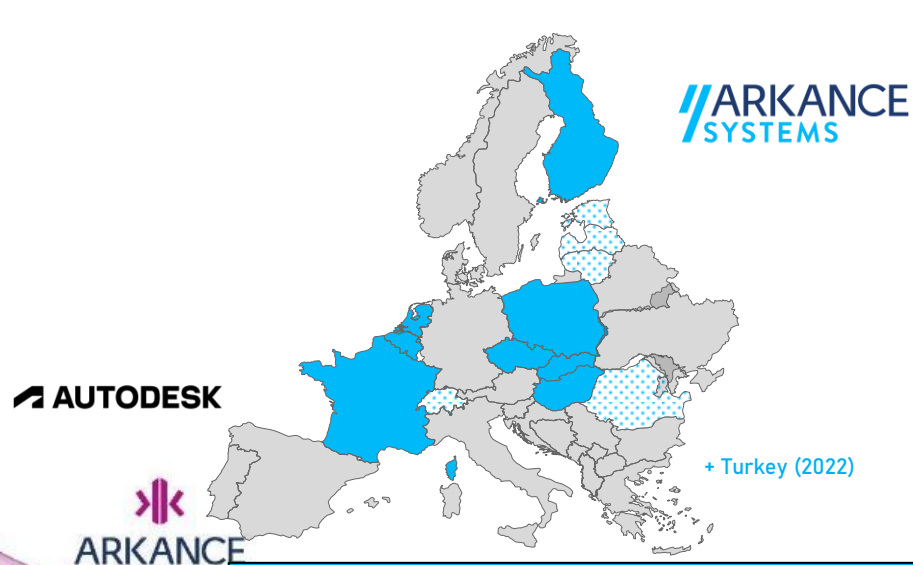
~700
Passionate
Employees



+1
Countries



International
Expertise



+ Turkey (2022)



DESIGN

BUILD



ARKANCE

Our Mission

Your Partner to Build Smarter

VISION

WHERE WE GO!

TOP PROFESSIONALS STRIVING TOGETHER FOR EXCELLENCE.

We partner with our customers to join our forces and guide them along the endless path of digital transformation to better build the world.

We are an international network bringing the best solutions to our customers wherever we are.

We are pioneers exploring the possibilities of the digital future for construction and manufacturing industries.



DIGITALIZATION

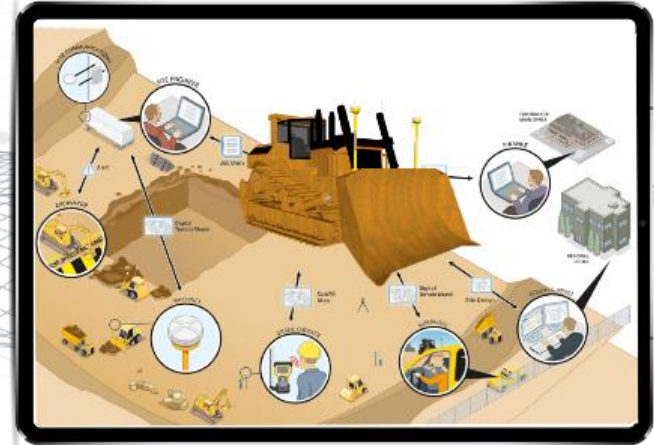
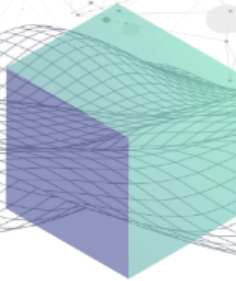
AT THE OFFICE

BIM BUILDINGS &
INFRASTRUCTURE



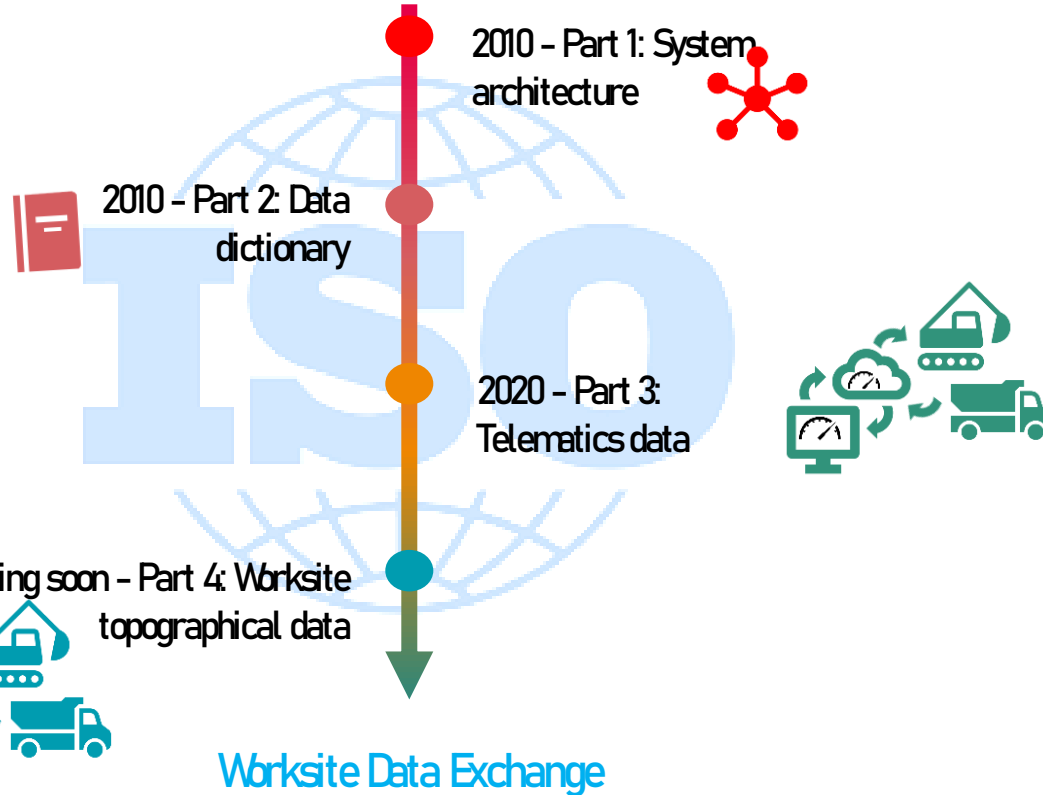
ON THE FIELD

INTELLIGENT
MACHINES &
CONNECTED
EQUIPMENT

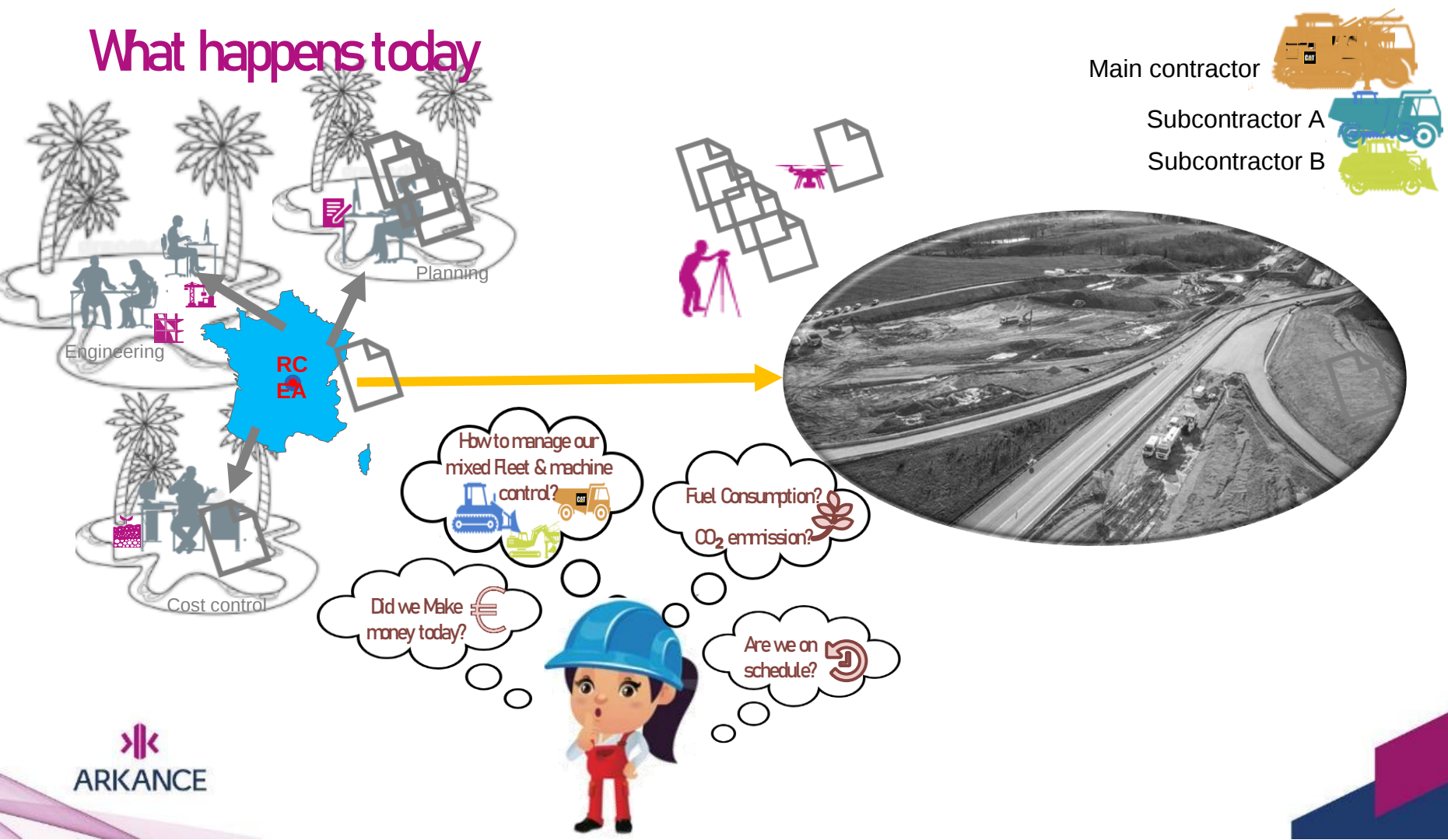


Interoperability

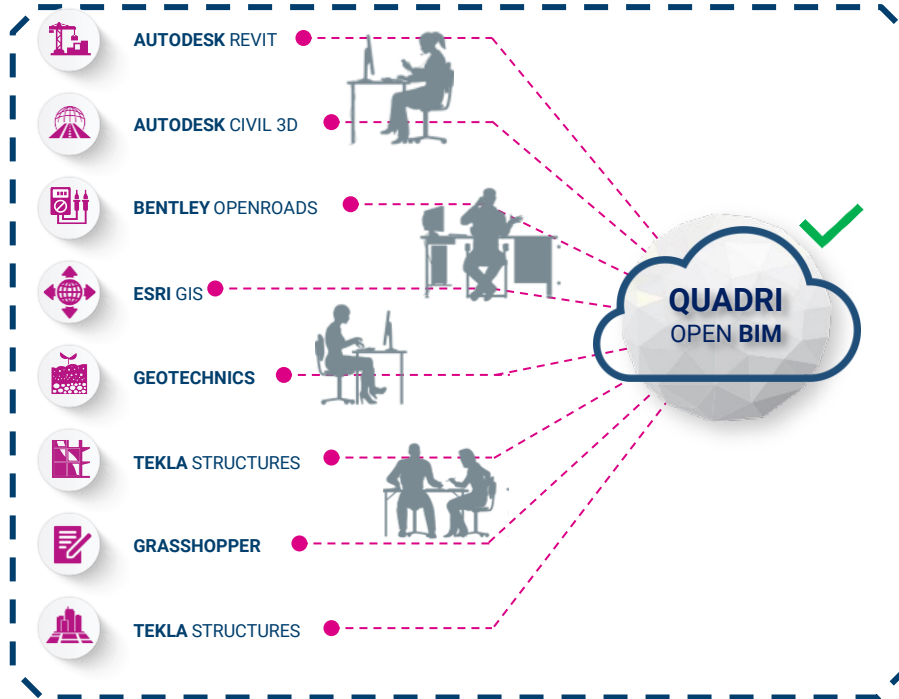
Open standard ISO 15143 for earth-moving machinery and mobile road construction machinery



What happens today

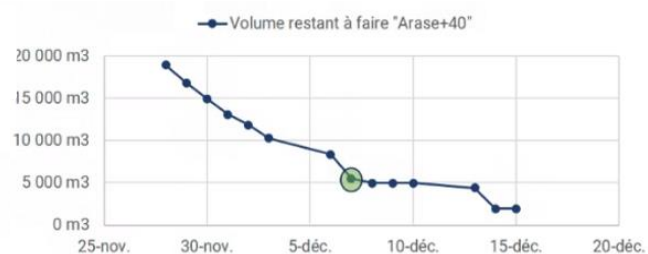
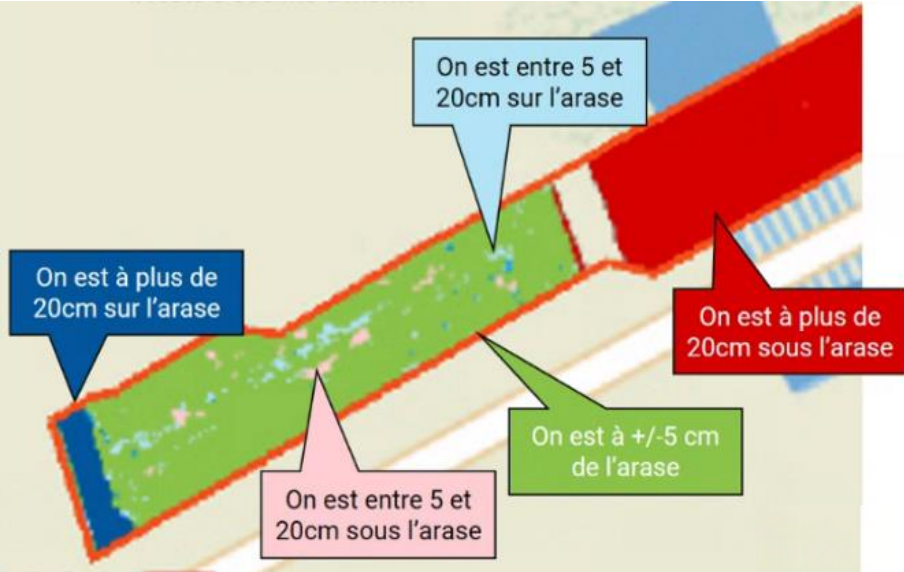


What can Arkance optimize?



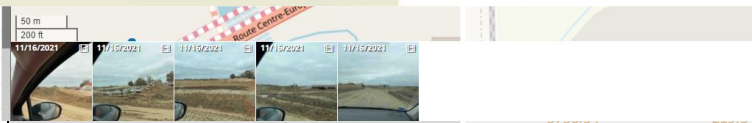
Central Collaboration platform that is able to connect different teams and different design environments

DESIGN



- X SITE
- CONX
- SITELINK
- WORKSMANAGER

Speed	Unknown
Precision	Good
Orientation	Unknown
Daytime	Day



PRODUCTIVITY

- RUNNING HOURS // IDLE HOURS
- FUEL CONSUMPTION
- CO₂
- FAULT CODES > maintenance



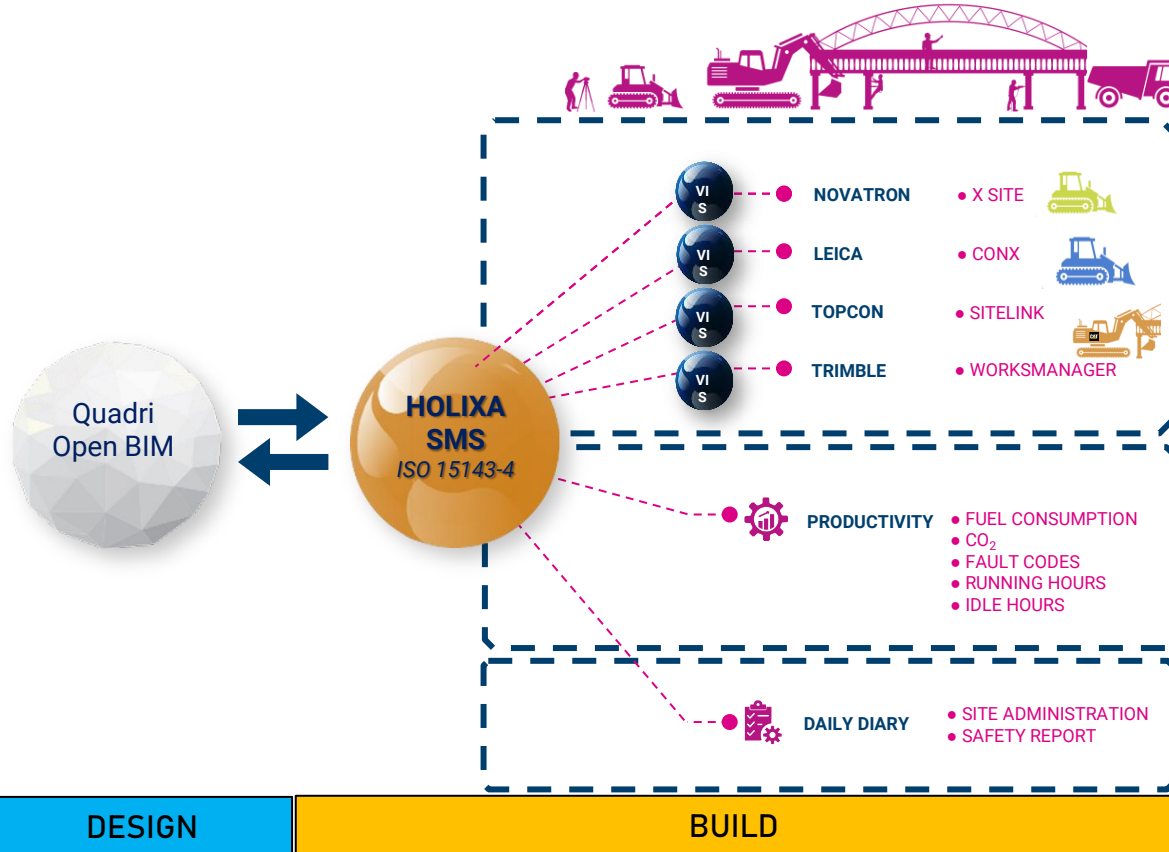
DAILY DIARY

- SITE INSPECTION
- SAFETY REPORTS

We get productivity info from connected

By integrating telematics information from multiple vendors, you get an aggregated overview of running hours, fuel consumption, CO₂ emission,...

Hblixa Site Management System



MIXED FLEET & MIXED
MACHINE CONTROL SUPPORT

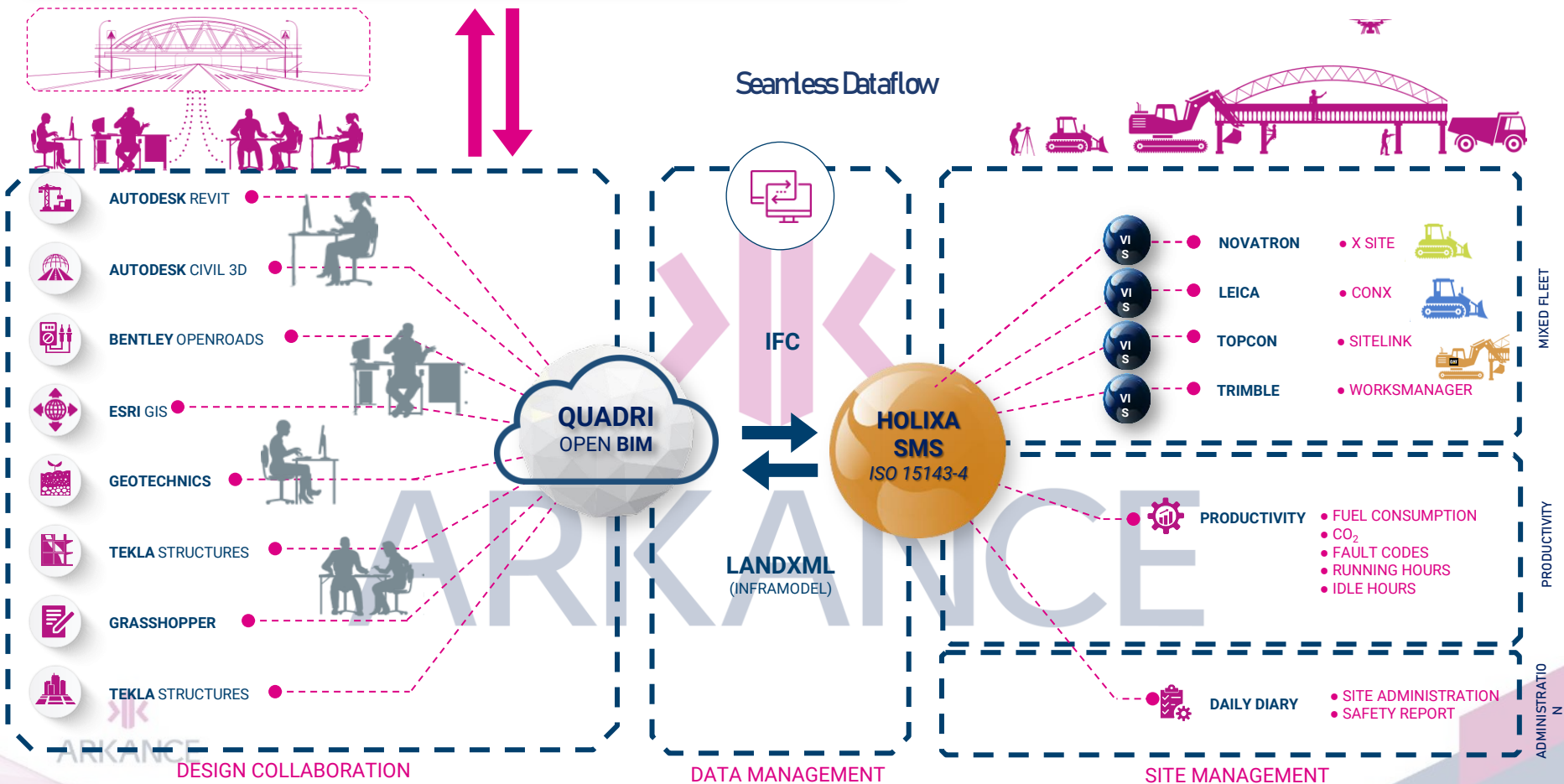
PRODUCTIVITY INSIGHTS

SITE ISSUES

+

MONEY MADE TODAY







Belgisch **Wegen**congres
Congrès belge de la **Route**

LEUVEN • 4-7.04.2022



EEN ORGANISATIE VAN



BWV

Belgische
Wegenvereniging



AGENTSCHAP
WEGEN & VERKEER

MET DE STEUN VAN



Opzoekingscentrum
voor de Wegenbouw



BRUSSEL MOBILITEIT

GEWESTELIJKE OVERHEIDSDIENST BRUSSEL



Wallonie
mobilité infrastructures
SPW



BFAW

Belgische Federatie van Aannemers van Wegenwerken vzw



Belgisch **Wegen**congres
Congrès belge de la **Route**

LEUVEN • 4-7.04.2022



Contact



Arkance Systems Belux

Sitech Belgium



+32 9 331 77 00

+32 9 277 16 00



Info.bnl@arkance-systems.com info@sitech-belgium.be

