Open WCS

BY TRANSITIC

OUR SUPPLY CHAIN **SOLUTIONS**
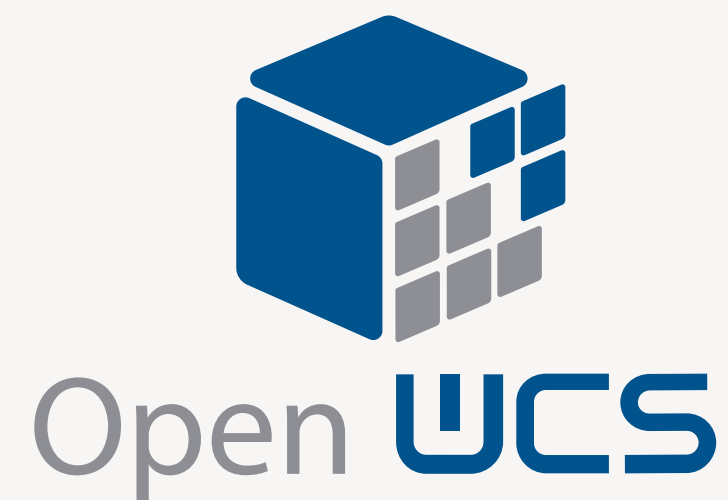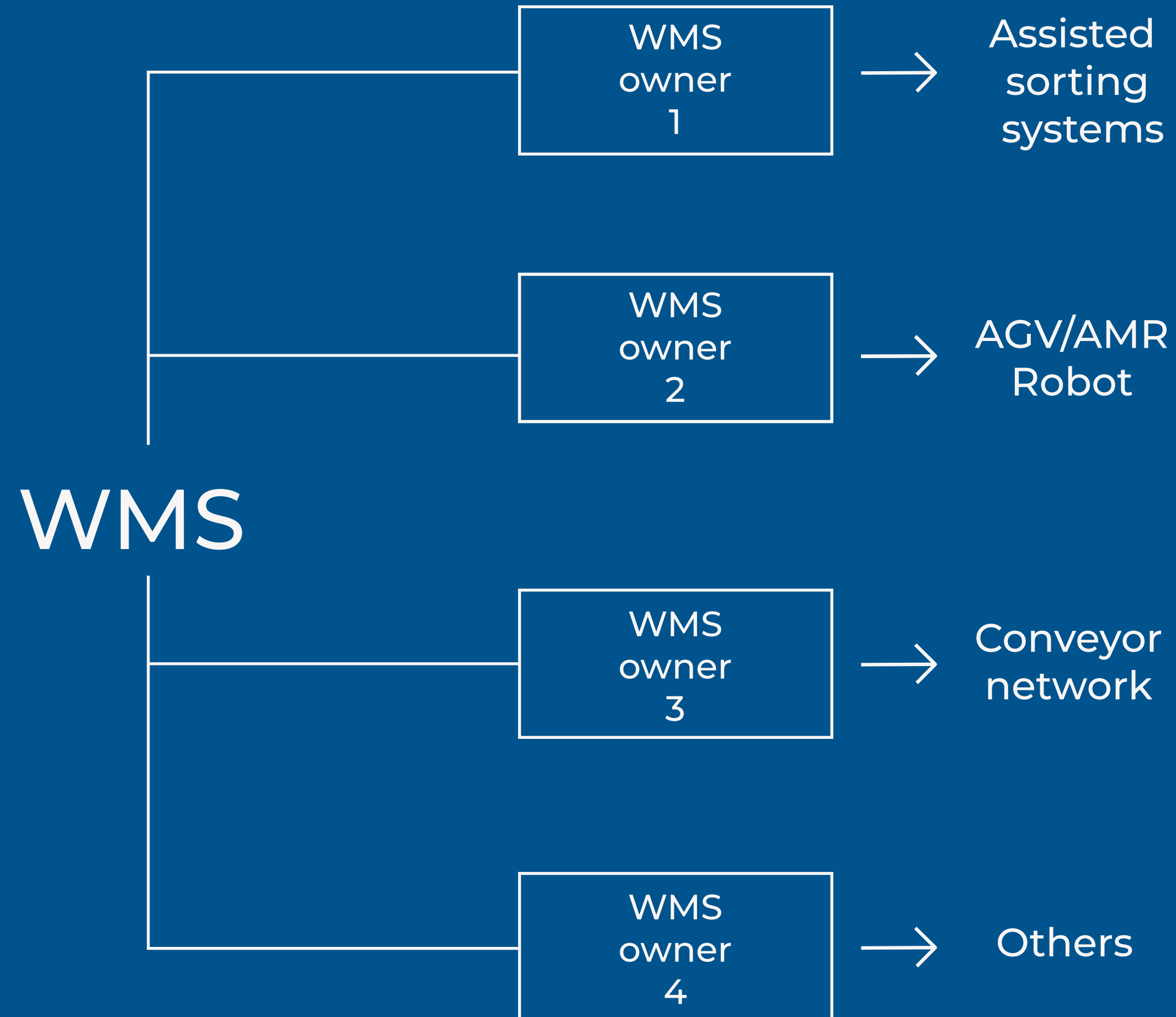
Open WCS

This software enables you to interconnect your various automated systems and sub-systems involved in managing your of your logistics flows in relation to a WMS.

Open SCP

This software can be used in conjunction with OpenWCS to manage your your Supply Chain flows. This management software will enable you to centralise all the indicators you need to optimise your business.

CURRENT

WMS

WMS owner 1	→ Assisted sorting systems
WMS owner 2	→ AGV/AMR Robot
WMS owner 3	→ Conveyor network
WMS owner 4	→ Others

WMS — Open WCS

- Assisted sorting systems
- AGV/AMR Robot
- Conveyor Network
- Others
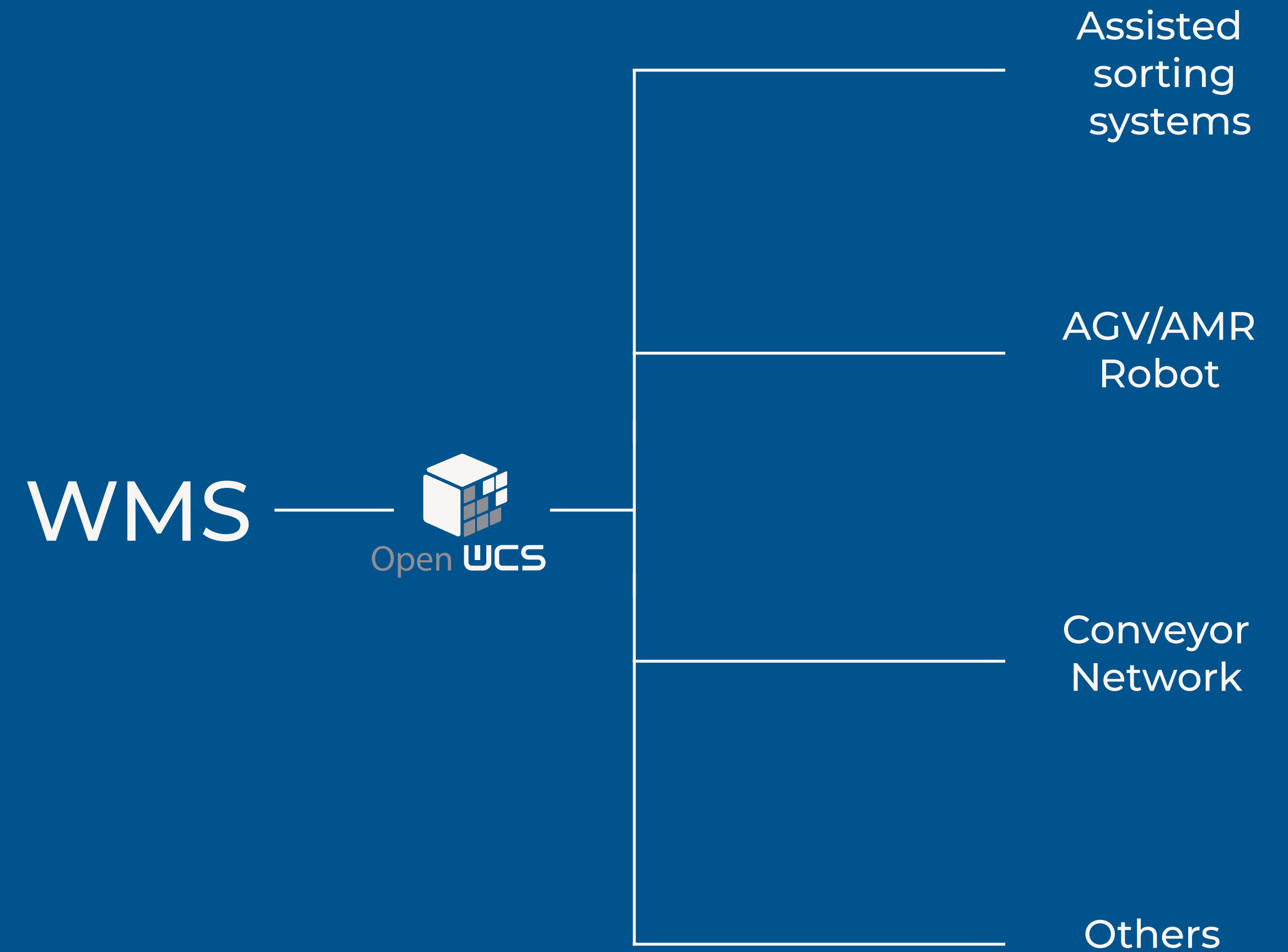
OPEN WCS WAREHOUSE
CONTROL SYSTEM

Its distributed architecture simplifies installation procedures and gives the solution extensive integration capabilities.

Thanks to its largely configurable nature, the specific features developed for our customers are easily integrated and can benefit everyone.

Developed using Visual Studio and the MySQL database management system, the architecture enables it to be easily integrated into logistics information systems (interface with all the WMS on the market).

OpenWCS centralises robots data in a database for processing and publishing, whatever the medium.
OpenWCS manages the most widely used robots protocols:
> Modbus TCP (Schneider robots),
> Profinet (Siemens robots),
> OPC server to connect to any other robot on the market.

Reflex certification

+ **Increase productivity**
of all your systems and therefore lower the cost of your finished products

+ **Interconnect with any type of WMS,**
whatever the communication protocol

+ **Measure, diagnose and optimise**
the productivity of each automated system

+ **Guarantee rigorous traceability**
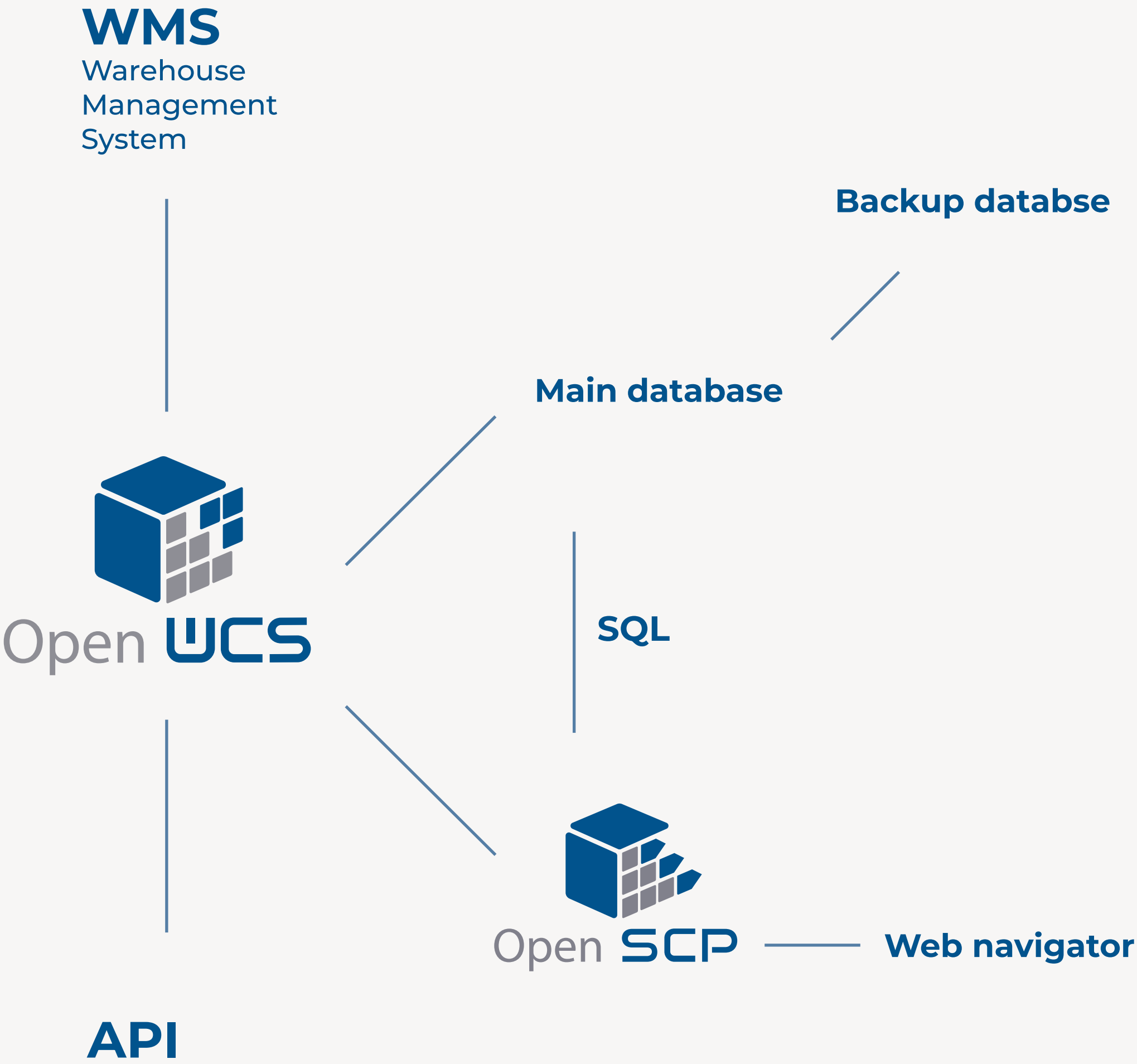of products associated logistics processes

+ A **solution** that takes into account physical flows, resources and customer data

+ **Enabling a scalable,**
more connected and smarter supply chain

ARCHITECTURE

INTERFACE

WMS
Warehouse
Management
System

Backup databse

Main database

Open WCS

SQL

Open SCP — **Web navigator**

API

MEDIUM
- Network share
- FTP
- TCP/IP

PROTOCOLES
- Files
- ASCII messages
- Web Services
- Database

Open WCS

MEDIUM
- Serie
- TCP/IP

PROTOCOLES
- ASCII messages
- Modbus TCP -Profinet
- OPC DA - OPC UA

STEERING

Open WCS

- WMS flows management
- Shuttle Management
- Conveyor control
- Mobile terminal management
- Screen management
- OpenSCP
- Camera management
- PickToLight PutToLight
- Logs management
- WCS Master
- magament of robots variables
- Sorting machine management
- Labelling
- PDF printing
- Weight control

#connectedintralogistics