

Features:

- Communicate directly with Maguire equipment
- Able to connect with WSB Blenders, MGF Feeders, ULTRA Dryers and FlexBus Conveying Systems
- Optimise plant materials handling before the process with easy to use and clear visualisation plus reporting



WSB Gravimetric Blenders

- Send recipes & formulations remotely
- Check materials percentages & usages for accuracy
- Check materials consumption and report
- Review system setup & operation
- Report on materials usage and consumption data
- Review alarms & process interactions



MGF Gravimetric Feeders

- Send materials settings
- Check LDR, screw back settings & other machine parameters for dosing easily
- Check masterbatch / additive usage & report easily
- Review alarms & process interactions



ULTRA Low Energy Dryers

- Send materials drying parameters, material name, drying time, temperature
- See drying status, & check drying process remotely
- See materials usage data, both hourly consumption & material in process
- Check dryer functions & operations, plan start-ups / shutdowns
- Document materials usage & confirm drying process
- Review alarms & process interactions



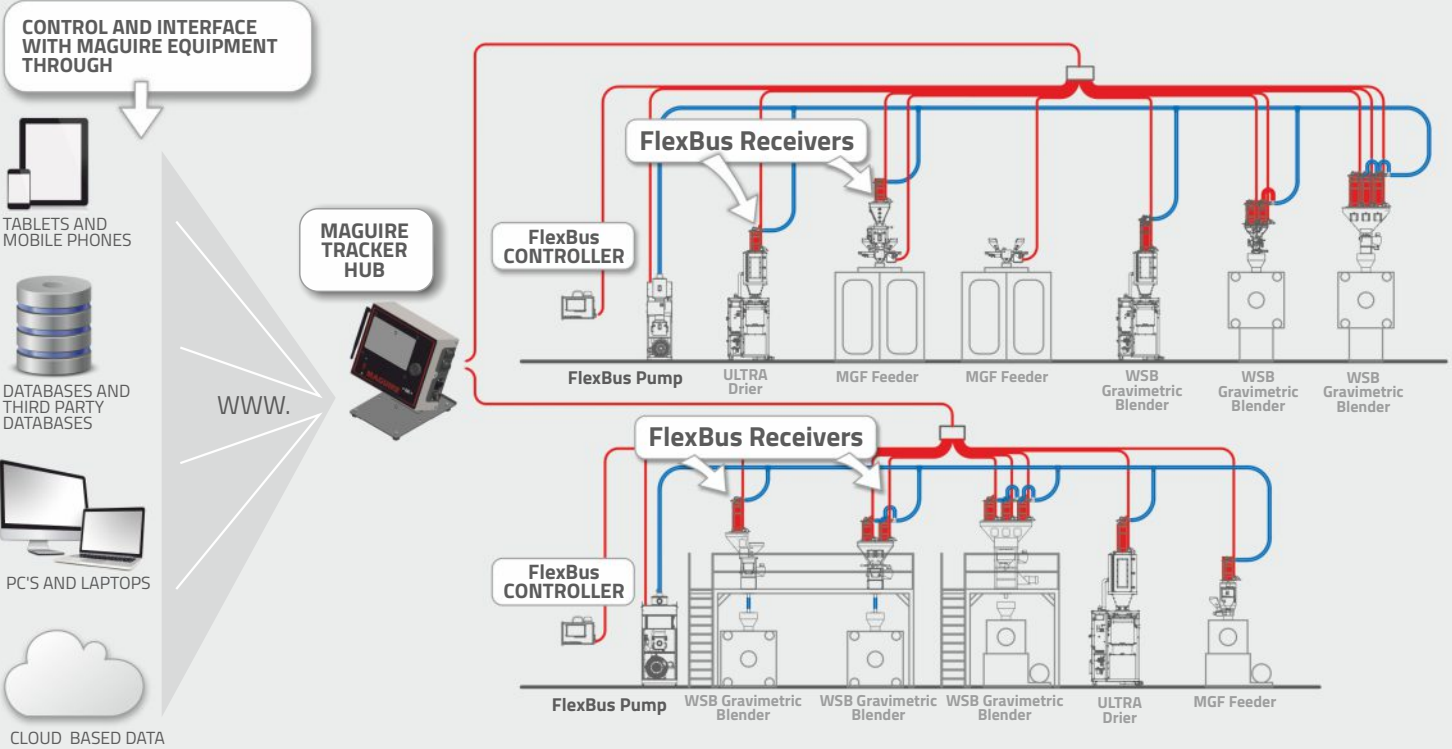
FlexBus Materials Conveying

- See operation of pumps / receivers on conveying network
- See status of receivers & real time loading
- See status of vacuum pumps & operation
- Turn on & off conveying equipment remotely
- Check operations & review conveying alarms

	Code	Description
MAGUIRE TRACKER HUB	MGT-HUB	Base Unit for plantwide communications – one off charge
TABLETS AND MOBILE PHONES	MGT-APP	Subscription for day to day communications / secure encrypted data storage / rolling software updates - \$* per month subscription for up to 10 controllers - scalable fee for more systems
DATABASES AND THIRD PARTY DATABASES	MGT-DBC -V1	Third party database plugin to allow integration to other third party databases based on OPC-UA
TECHNICAL SUPPORT	MGT-TEC	Remote Technical support for specific remote access support after initial start-up period of 90 days – purchased online in half day units

Architecture

The main interfaces to Maguire Tracker Software are designed to ensure simple and easy installation and maximise the user benefit to the individual equipment on its own as well as the system overall.



Maguire Tracker Hub

- Communication is between Maguire controllers via ethernet cabling or wifi and the Maguire Tracker HUB controller
- Controllers are cabled to a switch to allow low cost, simple cabling.
- The network plugs into a Maguire Tracker Hub, which is a compact central controller for the Maguire system, integrated with a 7" touchscreen.
- The touchscreen shows Maguire equipment allowing easy access to all controllers from a central location, plus the ability to review data and production information.



Maguire Tracker Hub - Plantside

- The Maguire Tracker Hub acts as a central HUB for all communication to and from all Maguire devices.
- The HUB routes the data out to a secure cloud server, ensuring easy access for users from any device thereafter.
- The HUB has 32GB of local storage, which acts as a black box in the event of temporary loss of connection.
- The HUB touchscreen allows operators to view connected Maguire equipment easily.
- The HUB provides access to all controllers from a central location, plus the ability to review data and production information.



Maguire Tracker Web App

- The user interface is via browsers such as Chrome, Safari, Edge, Firefox and all other popular browsers.
- The interface allows a user 2 levels of access.
- Operator perspective; emulating controller screens remotely.
- Production Dashboard; allowing the user full interaction with Maguire blenders, feeders and ULTRA dryers.
- Maguire Tracker Software also allows you to interact with the conveying controls remotely, viewing statuses, load frequencies and checking overall performance.



Third Party Databases

- Maguire Tracker Software can allow information to be seamlessly shared and exchanged between company systems.
- Data can be integrated using the OPC-UA interface and a gateway interface licence can be purchased to achieve this.
- This enables easy interface with ERP or other software systems to exchange data - for example;

cost control
stock planning
forecasting
quality control
materials purchasing