AGRICULTURE

Livestock Location and Quantity Monitoring

IoT.nxt
bridging the edge

BUSINESS CHALLENGE

You achieve more success in your organization when there is seamless interaction between its many parts. When there is not, the business suffers. Achieve optimal, affordable and effective operational synergy with IoT.nxt's market-changing IoT solutions. Resolve your business challenges through our world-class innovation.

Common business challenges in the Agriculture Industry:

Maintaining accurate records of live stock in the face of managing large herds and unreliable counting methods.

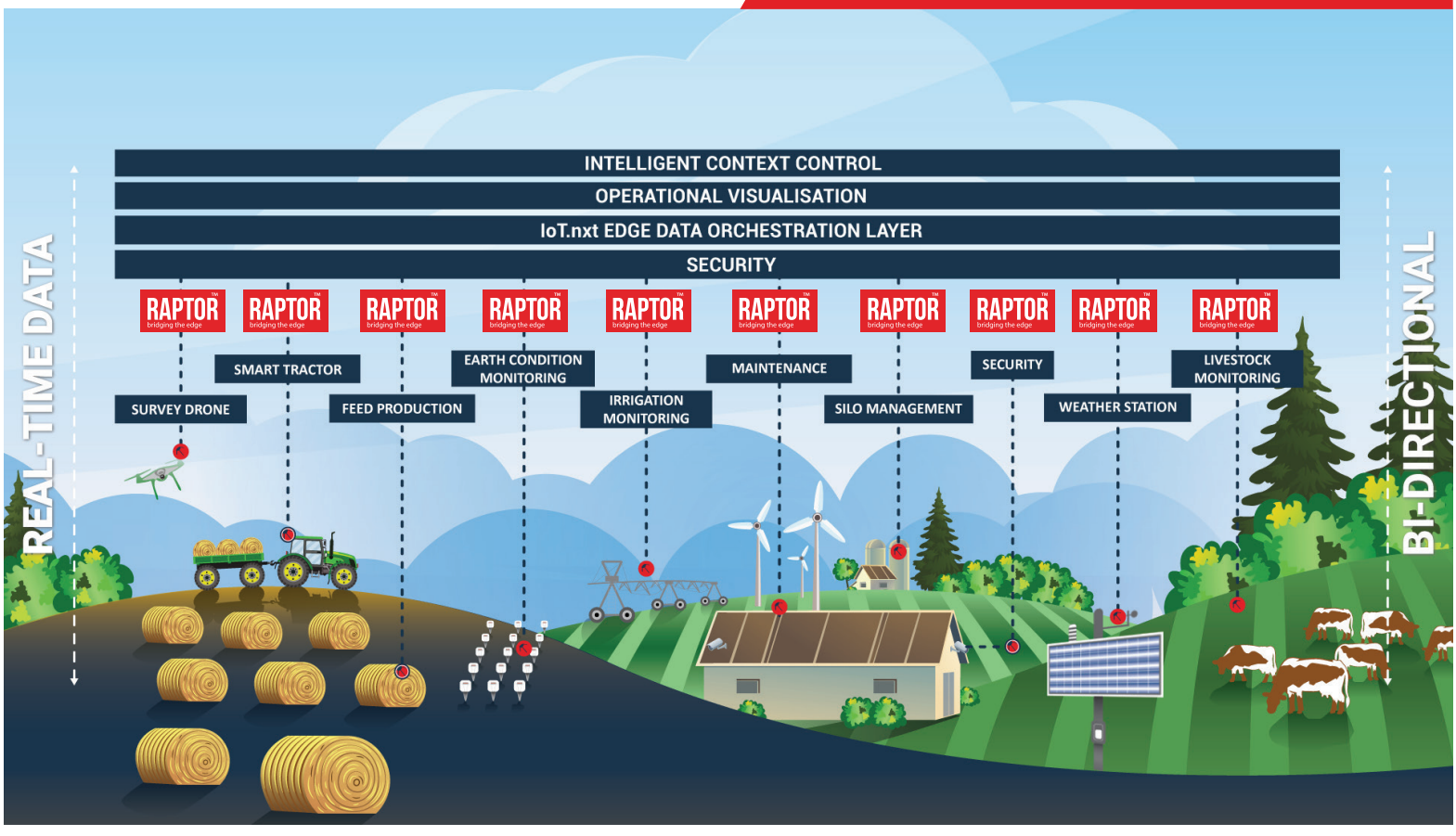
OUR SOLUTION

Each animal is issued with a low-energy Bluetooth ear tag that interacts with IoT.nxt's Virtual IoT Gateway. The gateway is installed at the entrance of a water pit and detects the cattle's individual tags when they enter the area. Heads are automatically counted and the system issues an alert if any tagged animal is not detected within a certain period of time. Using Bluetooth Low Energy (BLE) technology, the farm has continual visibility on its valuable live assets.

Solution Features:

- Easy status updates through an integrated SMS notification service.
- Integrated with Microsoft PowerBI to create intuitive information displays.
- Real-time updates on detected livestock using resilient and reliable BLE technology.

ECOSYSTEM OVERVIEW



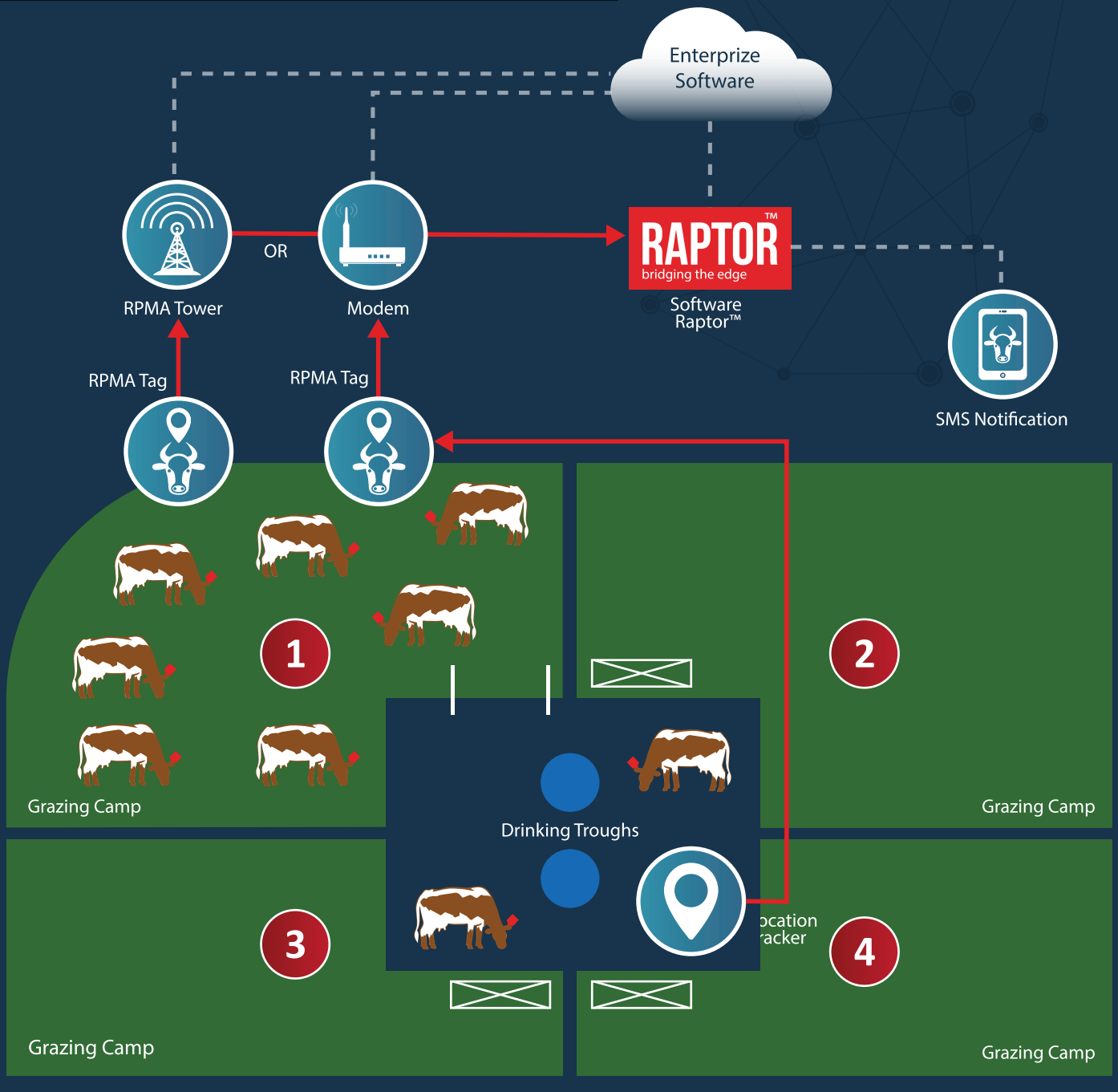
BENEFITS

Livestock managers can enjoy access to accurate headcounts and receive instant notifications if an animal is missing. This helps drastically reduce theft loss due to disease, injury or theft, as the farm can respond quickly to investigate missing cattle.

OUR SOLUTIONS ALLOW YOUR ORGANIZATION TO HAVE:

- Increased visibility and management of cattle through real-time monitoring and notifications.
- Intuitive, visual representation of data for real-time decision making and future planning.

OPTIMIZING YOUR BUSINESS SYSTEMS DOES NOT HAVE TO BE COMPLICATED



WHO WE ARE

IoT.nxt is an award-winning market leader in IoT technology. The company was founded in 2015 and has grown exponentially to date with a customer base of some of the Top 500 listed companies in South Africa, United States of America and the Benelux region.

Recognized by media outlets as one of the top five companies to look out for in 2018, the IoT.nxt platform has entrenched itself as a cutting-edge technology innovator demystifying the concept of "Internet of Things" with innovative solutions. With return of investment and customer value at the forefront of all the IoT.nxt industry specific solutions, the future of IoT technology has become a tangible reality. The IoT platform is unique in that it provides:

- Rapid Digitization.
- Intelligent filtering of data at the edge.
- Real-time, in-shift optimization of operations.
- Integration of analog and digital, legacy and new devices.
- Quick implementation with no disruption, retrofitting our technology to create interoperability between new and legacy infrastructure and equipment.
- Consolidation of business-wide processes and data.
- Remote monitoring and management of businesses.

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