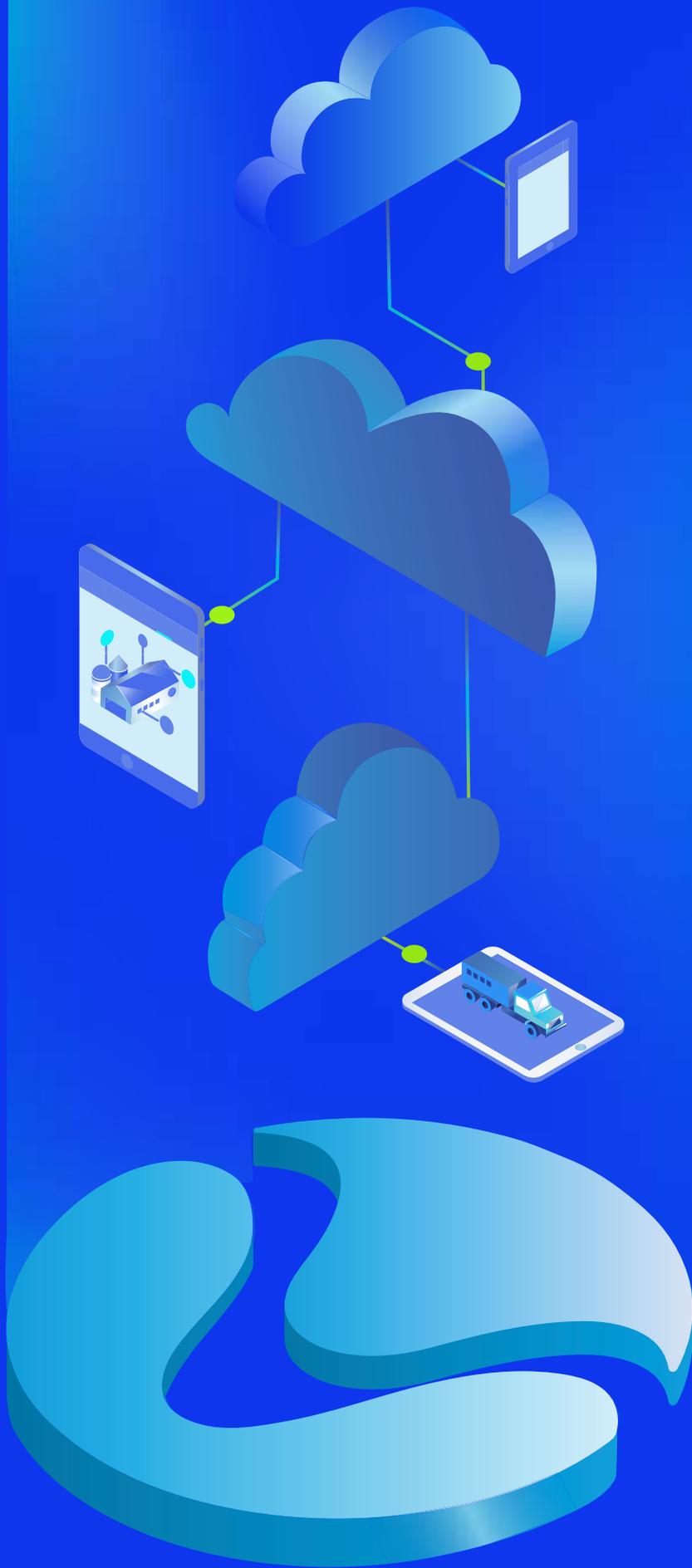

MTech's guide

to ensure your farms
future using IoT



IoT Connectivity

Entering the **IoT world** can be a little hesitating and may be hard to understand it all at once. With this short guide, we will help you understand how IoT works and leverage the technology to improve **your business** performance.

IoT stands for **Internet of Things** and basically means the connection among our everyday electronics like computers, telephones, cars, machines, and other hardware technologies through the internet, resulting in a smarter and faster acquisition of data without intervention of people.

Technology has become a very important topic recently in the **poultry industry** and a growing wave of innovative products is the reflection of how our workplaces will be transformed really soon. Many solutions start with smart sensors that **capture real-time** critical parameters to assess animal health, houses environment, and performance.

Companies are keen to invest in new technologies to improve efficiencies and be more competitive in the industry, so the big question emerges: will you invest in the **right** solutions?

MTech has developed an answer called SonarEcho that covers all your needs and prepares your business for the future challenges.



Future-proof Solutions Using IoT



Sonar is the most advanced and reliable mobile app to capture data from the barns through **wireless sensors** that keep the data flowing.

Allows you to remain up to date with your business with **real-time** farm status dashboards and analytical reports. Observe all farm data in **one place**, route service personnel smartly onto critical situations.

Echo hardware requires minimal technical help and will be ready to go in just a **fraction of the time** that would normally take to install a traditional sensor system. Echo uses **secure WiFi mesh** networking reducing connection failures due to big objects blocking the signal between the sensors and the gateway.

As a resultant, SonarEcho automates barn data collection enabling environment and bird health to be monitored to the minute, while also trending daily animal performance versus standards.

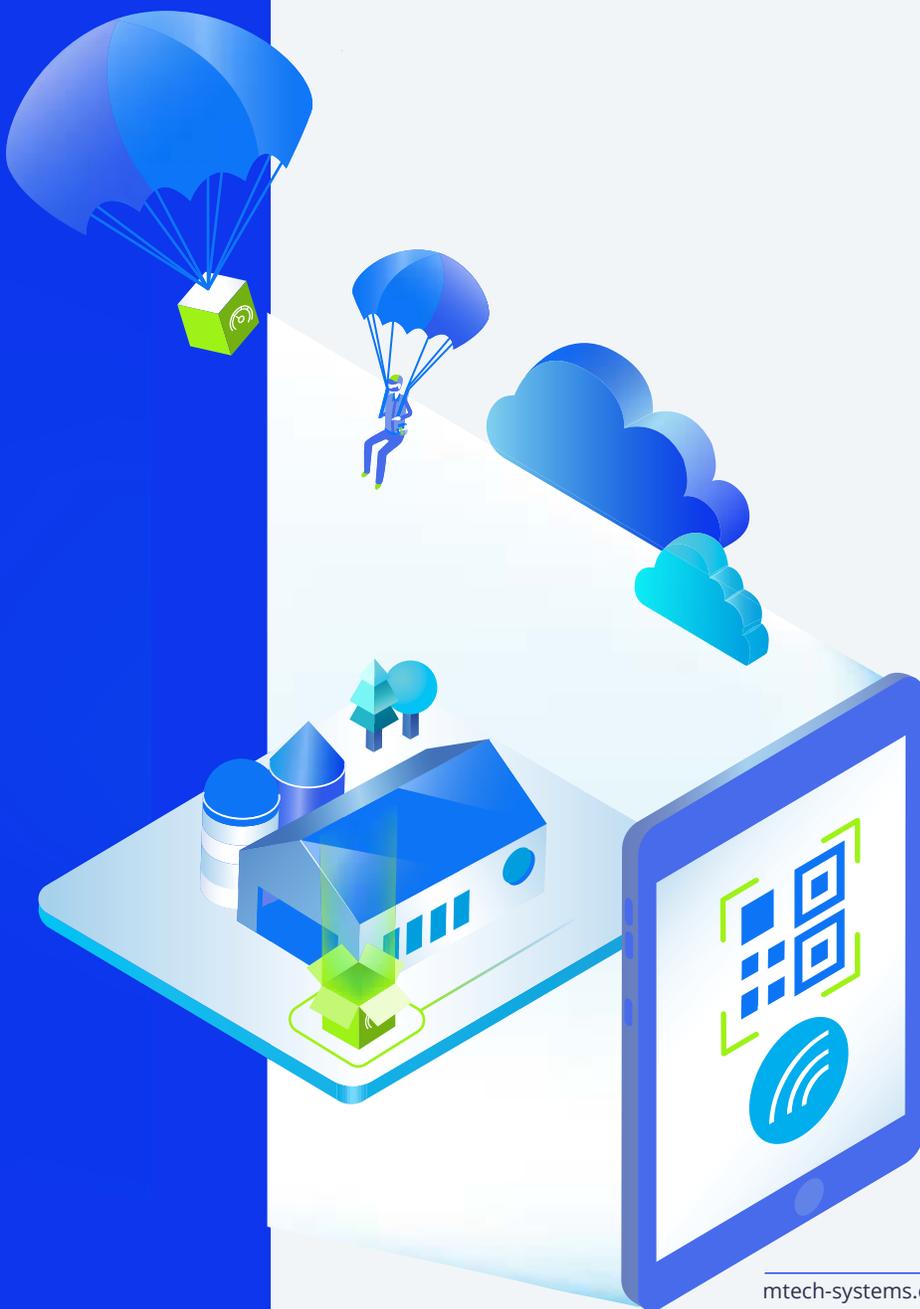


We know you may have questions about what you need to consider when investing in this **new technology** for your business. It could take lots of processing to choose the right IoT solution vendor that best fits your needs but we have narrowed these **5 helpful tips** for you to take into consideration while choosing the best provider.

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**Tips to be
in Cloud Nine
with Your
IoT Solution**

Easy Installment and Technology Deployment at the Farm



Each **SonarEcho** is packaged and **delivered** specifically for each one of your **houses** making the setup process a breeze.

Frequently, a too complicated setup ends in a **bad installment** so eventually, devices won't function properly and will disrupt your processes.

Once **Echo hardware** has been unpacked and set in place, a convenient setup app guides the technician throughout the syncing process to put the sensors online and create a **smart network automatically**.

Adding **Echo nodes** and sensors to the network is as simple as snapping a QR code with a mobile phone.

Connection Stability

Keeping your **farm online** can easily turn difficult and expensive to achieve especially when your problem is not necessarily your WiFi; it could be what's outside causing the interference.

Constant traffic outside the houses can **interrupt** the **connection** with your sensors, for example; cars or trucks coming in and out of the field that can obstruct the signal causing **information hiccups**.

Echo sensors and gateways peer among themselves creating a smart WiFi Mesh network ensuring data transfers through the strongest available channel and never have to worry about not getting the full details of your business.



Machine Learning and

Now that you have the right product, now what are you going to do with all the big data that the product is sending or how to use it? Information scattered everywhere is useless and its valuable information that needs to be taken advantage of.

MTech takes into consideration all of these aspects and combines both, Big Data and Machine Learning into Axis.

Machine Learning and Big Data are two different concepts, but MTech uses both to create solutions for your specific problems. Growing volumes of data are being collected throughout the food production chain, but although this data could present big opportunity for agriculture, it's not being used to its full potential in the protein industry.



Big Data future vision

MTech uses Data to tend them into analysis using machine-learning techniques, also they compare the results with those obtained by standard multi-variable logistic regression and suggest that this technique provides new insights into the data.

For you tube more competitive, you have to be more efficient and adaptable and to increase production, so you have less worries or problems at work.

Our main objective is to have a more simplified way that farmers can see understand what's happening or about to happen in every field and be able to have them take better sustainable choices.

Although you have these solutions for your problems, but errors happen and inevitable. Having a specialized team that has your back and give the right help that is needed.

Technical support and Customer service

Occasionally, problems can occur and you may not know where to start looking for.

Multinational **coverage** is how MTech's **customer support** works for you.

Our team of **experts** will **help you** in the toughest problems and come up with the **right solution** for those technical headaches allowing you to focus on the real priorities.

There are many companies who may offer this service or something similar, but who would you trust? A startup? Or a mature company that answers the tough questions that you **need**?



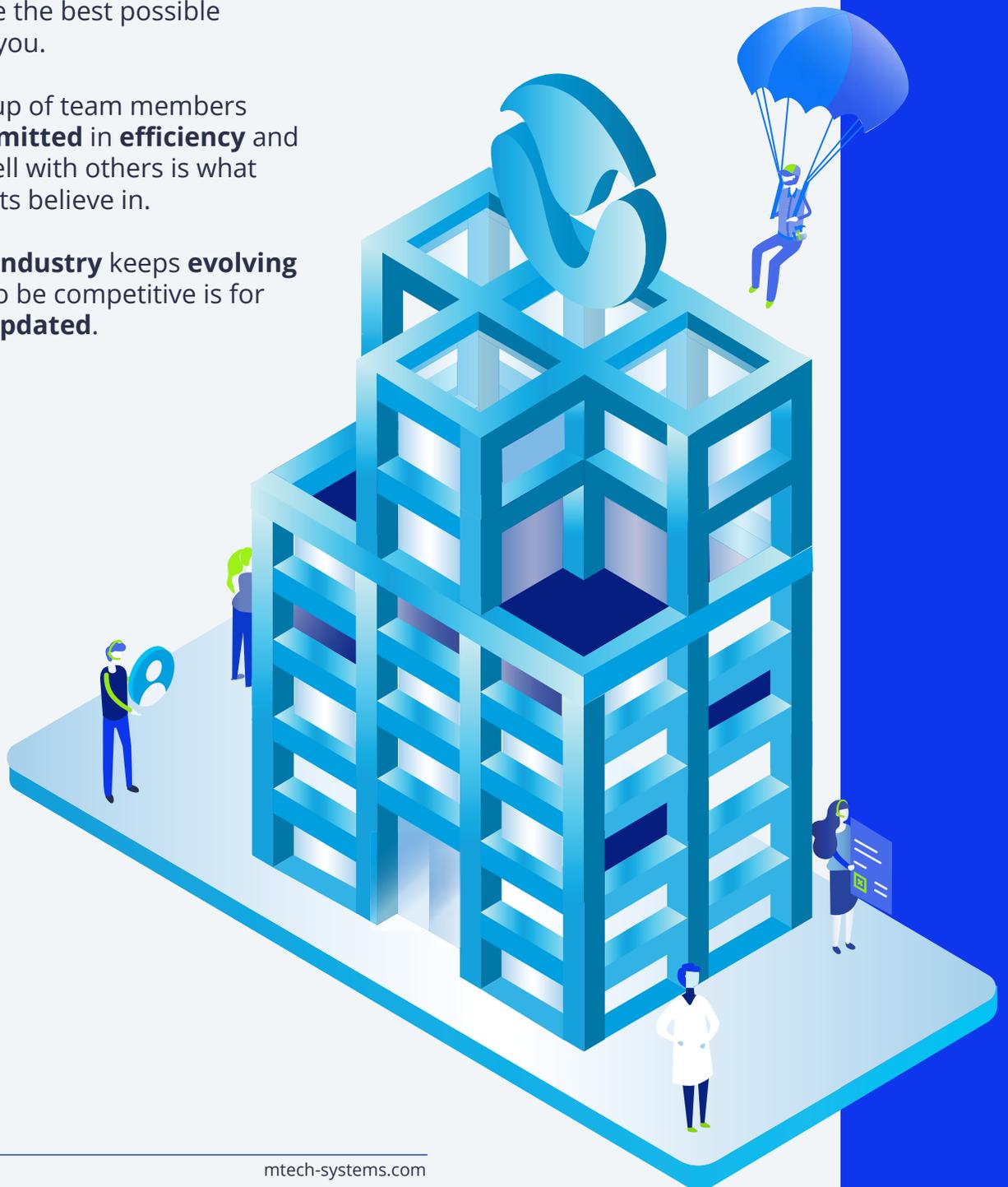
Experience in the industry

New technology is **emerging** each year and adapting to innovation is how you get ahead.

MTech combines **experience** and **new** to create the best possible outcome for you.

Having a group of team members that are **committed** in **efficiency** and in working well with others is what **MTech** experts believe in.

The **Protein industry** keeps **evolving** and for you to be competitive is for you to **stay updated**.



Wrapping it Up

Being new to the **IoT world** can be overwhelming and most probably will keep on growing in the near future.

We want you to be **prepared** and have a grip on what it is happening **right now**, so you can be up to dated on what is going on in the industry.

MTech has the **resources** necessary to fully understand and work with this **technology**, also to keep on mastering the field in-order to help your **needs**.

It's never too late to **learn** or to get help, our goal is to **provide** the **best service** and maintain being international leaders in software for the **protein industry**.



To learn more visit
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