

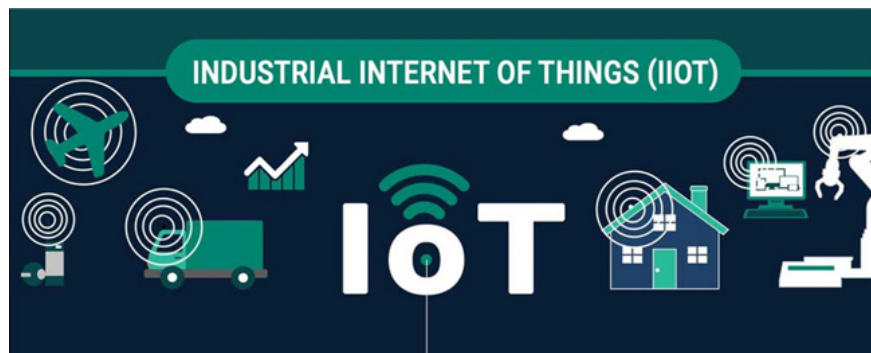
[Infographic] How does IIoT impact key industries?

So how did IIoT have a specific impact on key industries? Please read with TipsMake.com to follow the infographic below to find the answer.

The application of **Internet of Things** in the manufacturing industry is called IIoT (Industrial Internet or Industry 4.0). This solution narrowed the gap between the industry and the technology sector that is currently booming the market. IIoT revolutionized production through the acquisition and access of huge data sources with much greater and more efficient rates, helping many customers optimize industrial operations, thereby productivity. Significant increase and efficiency are always beyond expectations.

Currently, many companies have started using IIoT applications for predictability and maintenance, enabling businesses to remotely monitor work activities from anywhere. Simply put, IIoT is paving the way for a complete "transformation" of business processes from production to ordering, delivery and maintenance.

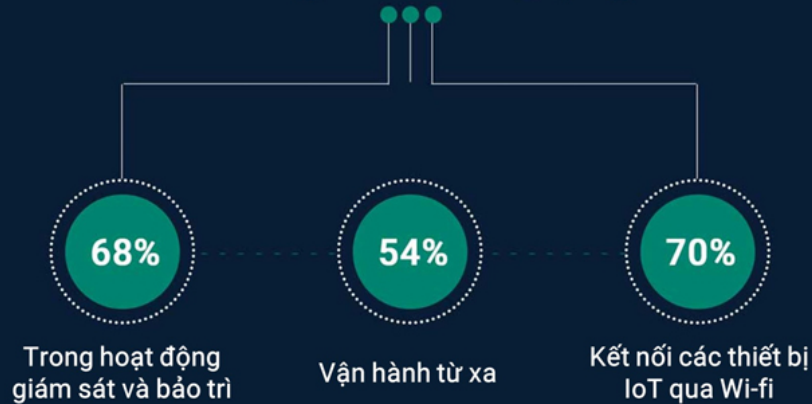
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IoT lớn đến mức nào?



IoT đang được sử dụng ...



Làm thế nào để các ngành công nghiệp khác nhau tận dụng được lợi thế của IoT?

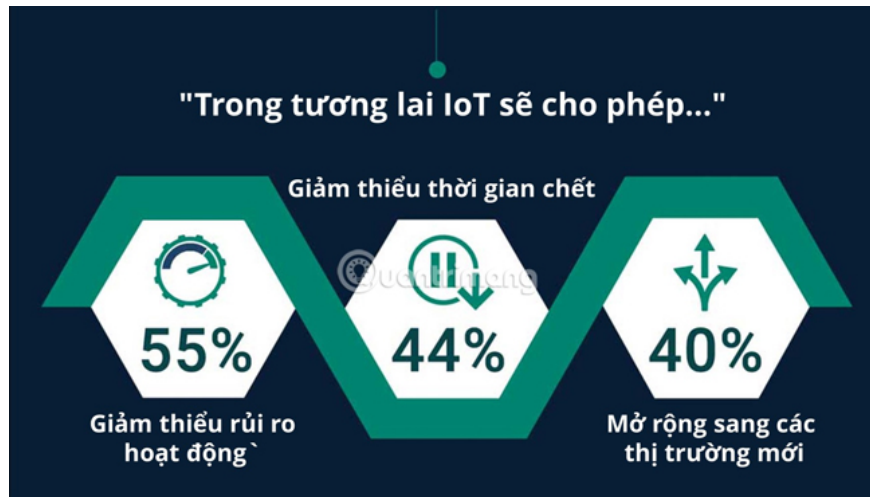




Việc ghép nối các cảm biến đó với phần mềm và đưa vào thiết bị sản xuất cho phép dự đoán khi nào thiết bị sẽ trục trặc, giúp các công ty có cơ hội khắc phục sự cố nhỏ trước khi trở thành lớn hơn

Các nhà sản xuất đang tìm cách tối ưu hóa hiệu suất trong mọi khía cạnh trong sản xuất nhà máy. Cách tiếp cận tập trung vào IIoT là phương pháp tạo ra lợi ích có thể định lượng được. IIoT có thể giúp các tổ chức đạt được những cải tiến đáng kể trong quản lý tài sản

Nâng cao hiệu quả và bổ sung các giải pháp cải tiến mới chỉ tốt bằng doanh thu có thể mang lại. Tuy nhiên, nhiều công ty vẫn đang ở giai đoạn đầu triển khai IIoT, nhưng mức chi trả chỉ bằng một phần rất nhỏ của lợi ích mà họ đạt được



It's not too much to say that IoT has a miraculous growth. From **0.3 million USD** in 1990, increased to **90 million** in 1999, a great step forward with **5 billion USD** in 2010, **9 billion** in 2013 and is expected to reach **1 trillion USD** in 2015.

IoT is being used:

1. In monitoring and maintenance activities.
2. Remote operation.
3. Connect IoT devices via Wi-fi.

How does IoT affect key industries?

Energy: Energy companies have extensive activities in remote locations such as oil and gas fields that require constant monitoring. IoT can improve by:

1. Measure oil extraction rate
2. Connect pipe control from start to finish
3. Preventive maintenance
4. Asset management and tracking

Country:

1. Smart water sensor
2. Water controller
3. Waste water treatment by IoT
4. Smart water management

Health care: In the health care sector, there are concerns about customer experience not only in care at the hospital bed but also in the waiting room, emergency room and business office. IoT will help by developing and upgrading:

1. Personal mobile device
2. Mobile hospital
3. Clinical trials

4. Remote monitoring

Service:

1. Guest-room automation
2. Improve room service
3. Smart maintenance

Mining: Production and mining work relies on heavy machinery, so they have a deeper interest in understanding the operation of these machines than companies in other fields.

1. Factory automation
2. Check equipment reviews
3. Limit the impact on the environment
4. Manage and track smart assets

Transportation: Transportation is about movement and logistics. IoT systems are playing an important role in managing these capabilities.

1. Track the driver's time on the go
2. Order management and delivery in real time
3. Automated vehicle tracking system
4. Inventory management on demand

Benefits of IIoT

Effective maintenance and prediction work: Improving efficiency and adding new innovative solutions. Many companies are still in the early stages of implementing IIoT, but the payment is only a very small part of their benefits.

Optimizing assets / resources: Pairing those sensors with the software and putting them into production equipment allows predicting when the device will malfunction, helping companies with small troubleshooting opportunities. before becoming bigger.

Increased revenue: Manufacturers are looking to optimize performance in every aspect of factory production. The approach focused on IIoT is the method of generating quantifiable benefits. IIoT can help organizations achieve significant improvements in asset management.

You finished reading the article "[[Infographic](#)] **How does IIoT impact key industries?**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.