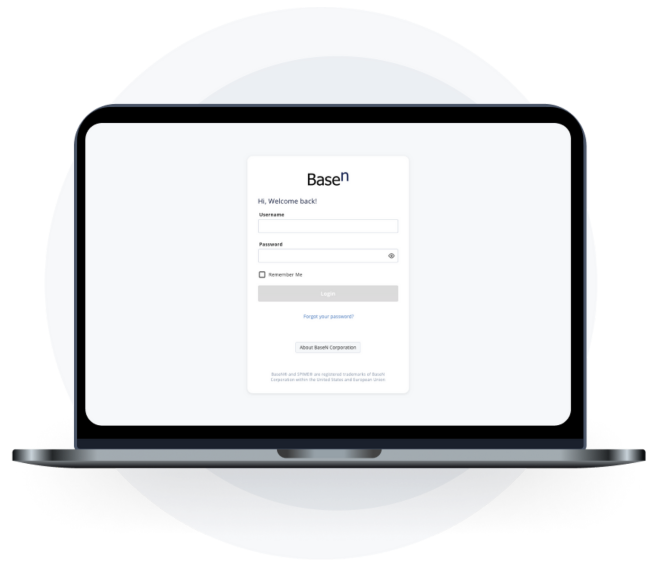


Products in IoT Era

10 COMMANDMENTS



1

Be paranoid on security

In the digital realm, intellectual property lies in algorithms governing physical objects. Prioritize security, and authentication, audit all transactions, and, above all, ensure customer data control to build trust.

2

Ensure scalability

Especially for those processing data from millions of customers, scalability is critical, both technically and financially. Ensure your business model can sustain growth as data and algorithms multiply.

3

Design your product as global

Global reach in networks and data centers is essential. Avoid the headache of building separate backends in different regions or countries.

4

Build and develop multiple watchdogs and failover mechanisms

In the vast world of global communication, glitches are inevitable. Build multiple watchdogs and failover mechanisms to safeguard your operations.

5

Prepare for ever faster release cycles

Prepare for rapid product updates and ensure your provider can keep pace, allowing simultaneous rollouts across multiple regions.

6

Build for always-on operation

In IoT, downtime is not an option. Your IoT provider should guarantee 24/7/365 operations using resilient infrastructure.

7

Store the raw data

Nest algorithms can lead to systemic errors. Maintain original data for error correction and future insights, including the potential application of neural networks and AI.

8

Build telemetry to everything

Customers will find unique uses for your products; learn from their experiences by evolving your telemetry and debugging interfaces.

9

Maintain and grow your intellectual property

In the IoT world, where multiple stakeholders are involved, robust intellectual property management is crucial for long-term success.

10

Build in sustainability

Ensure your core suppliers' strategies align with your product roadmap to prevent product obsolescence.