BSQUARE

Intelligent Edge
for Azure IoT

Digital transformation can only be realized through successful deployment of **connected intelligent devices**

BSQUARE

Challenges

Deploying powerful, yet simple intelligent and connected systems at scale is a complicated problem. Organizations must develop new skill sets in complex technical areas, measure costs and ROI in new ways, and quickly pivot to support business changes.

Current industry solutions are complex, expensive, and often require expensive vendor lock-in.

These factors can contribute to unsuccessful deployments and failure to drive expected ROI.

Ideal Solution

An ideal solution must include new and legacy devices, be built on open standards, be cost efficient, simple to deploy and manage, and drive measurable business value.

An ideal solution is scalable, simple to implement while reducing complexity, and introduces new revenue opportunities.

It also provides intelligent insights that enable agile business response.

Desired Outcomes

Once intelligent systems based on open standards are deployed successfully across the organization, information from them drives business intelligence that helps customers drive retail efficiencies, better manage their vehicle fleets, and improve facility operations.

We support our customers across all stages of the intelligent device journey.

Understanding the challenges presented by deployment, security, management, connectivity, and ongoing operations allows us to deliver optimal solutions in the most difficult situations.

BSQUARE

Experts in intelligent device software

SECURE CONNECTIONS AT SCALE

- Consolidate data from disparate devices and formats
- Remote control and decision making at the edge
- Selected as an Azure Sphere partner

FLEXIBLE, OPEN ARCHITECTURE

- Build the best solution without vendor lock-in
- Take full advantage of the latest Microsoft technologies
- Optimize and simplify DevOps and help manage in the cloud
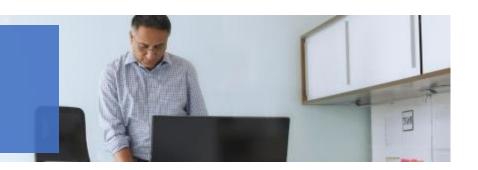
DESIGN, IMPLEMENT, & OPERATE

- Full-service development and operations partner
- Cost-effective solutions that are simple to maintain
- Integrate legacy equipment and systems with new technologies

DEEP DOMAIN EXPERTISE

- Insight born out of evolution from embedded OS to cloud
- Delivered IoT solutions at scale, even for customers lacking cloud experience
- Experts in modern cloud architecture and systems + the latest Microsoft technologies

Bsquare can design, develop, deploy, support, and operate intelligent software systems for your devices at scale.

Bsquare + Microsoft Azure

We choose Azure for edge-to-cloud connectivity, security, and the expansive support for edge devices which allows us to develop the best solutions for customers.

Solution Alignment

Open Standards

Open systems and best practices allow Bsquare to provide the best solutions.

Bsquare can develop at every edge-to-cloud touchpoint in Azure, across Windows IoT, Azure Sphere, Azure IoT, and ThreadX. No matter what you want to do with Azure, we can help optimize your solution.

Edge Capability

Focusing on the edge allows Bsquare to build the right solution for you.

25 years of edge expertise gives Bsquare unique insight on how to build the best solutions in the most challenging environments. From limited computing, to complex hardware, to restricted memory – we can make it work.

Stand-up, Scale-up

Bsquare can deploy and manage Windows and Azure devices at scale.

Bsquare can stand up a tailored, flexible solution that scales up to a global level – even for customers new to the cloud. We focus on simplifying complex implementations and partnering to provide ongoing support.