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Gautam Guin

Biqmind Pte Ltd, Singapore

How to deploy Positional safety, tracking & productivity / efficiency in harsh & hazardous areas

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Biqmind is an Industrial IoT start-up addressing safety & security issues primarily in Harsh & Hazardous environment like Oil & Gas Industry across Upstream, Midstream & Downstream as well as Mining, Construction etc.

We have designed from ground up a Positioning Safety & Security Solution with hardware design and development as well as software architecture tool set to address the challenges and issues in workers safety.

To deliver the solution we deploy open technologies like Cloud native Container based microservice foundation & Edge computing with every single component rated for hazardous area. (ATEX/IECx) (pls verify the abbreviated form?)

• Intrinsically Safe battery powered tags to provide constant update on worker position

• Solution architecture and network components designed based on 2.4GHz ISM band Wireless mesh for inherent reliability and self-healing characteristics.

• Built in Software framework powering IT & OT anywhere including proprietary mapping software and robust & stable edge data computing platform for possible other usage model and applications.

Biography

Gautam has over three decades of experience in the infrastructure technology space across areas such as server, storage, networking, software defined technologies and cloud. Starting out as a software engineer, he moved into network architecture/consulting before finding a clear edge in channel enablement and partnership/alliance development. He has built effective regional partner ecosystems for companies such as IBM, Intel, Motorola, Seagate & Juniper. An avid technologist, Gautam is a founding member of the Internet Alliance Malaysia and has regularly spoken at regional industry events such as Cloud Expo Asia, Cloud Asia, Australia Data Center Summit, Data Center World, OpenStack Forum.

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