The Silicon Review

December 2015
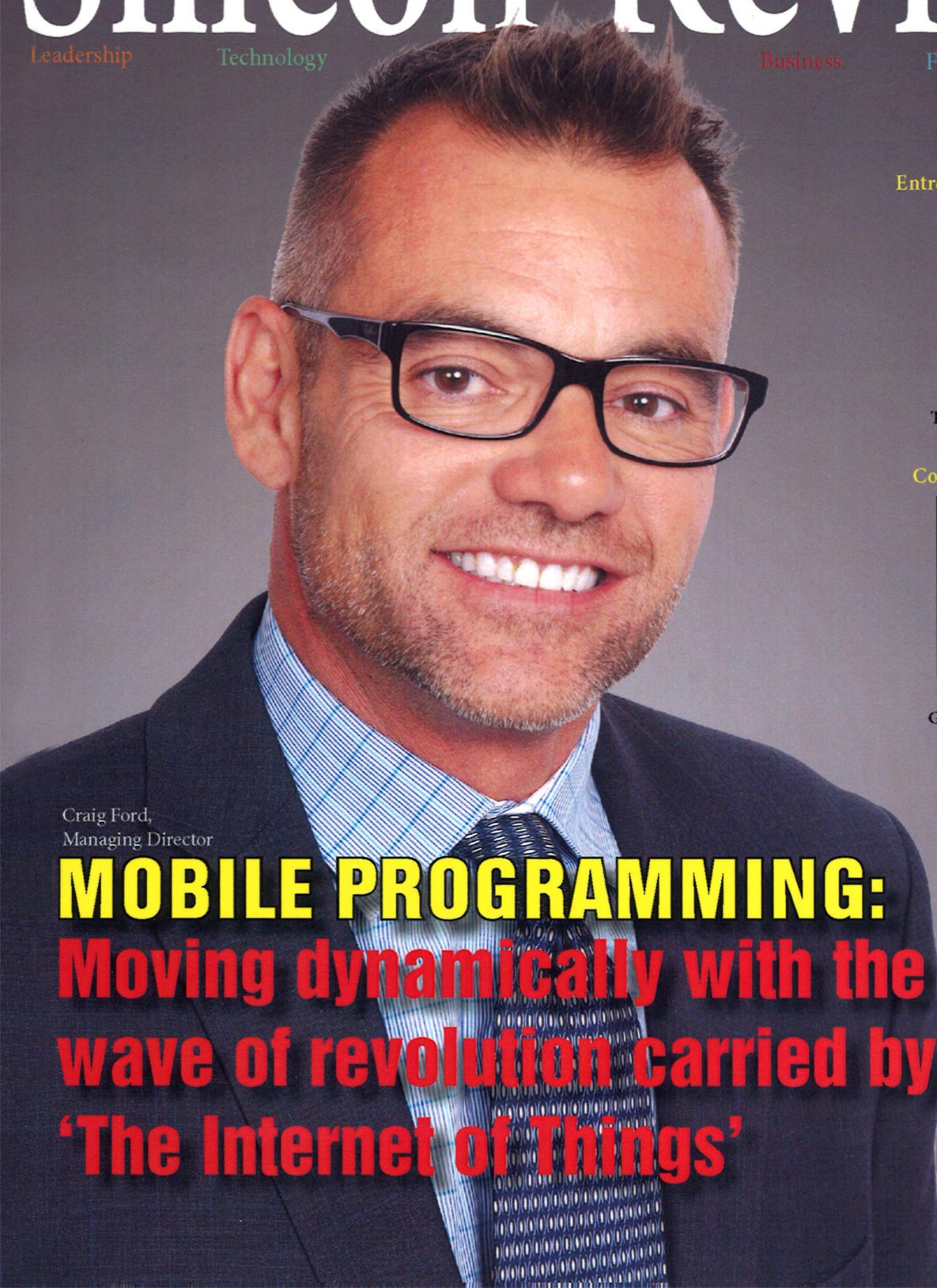
Leadership Technology Business Features CIOs
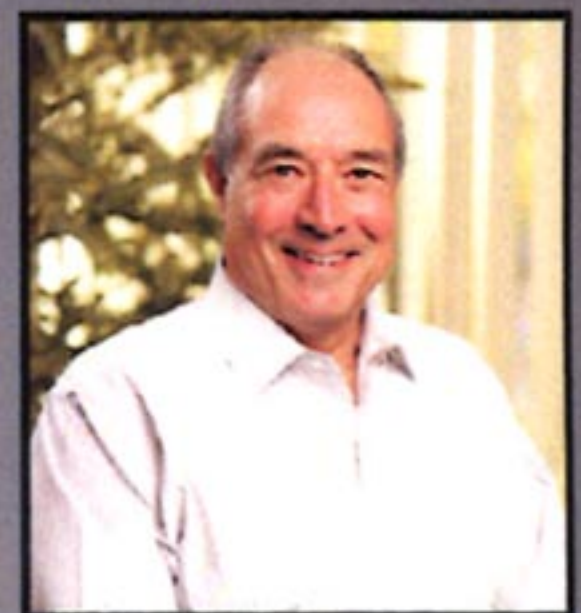
Entrepreneur of the Month

6D global
Tejune Kang, Founder, Chairman & CEO

Company of the Month

SENET
George Dannecker, CEO

Craig Ford,
Managing Director

MOBILE PROGRAMMING:
Moving dynamically with the wave of revolution carried by 'The Internet of Things'

10 Fastest Growing **SR** **IOT** Companies

Taking the Automated World to a whole new level:
Pacific Control Systems

"Headquartered in Dubai, UAE, Pacific Control Systems serves the welfare of the community at large through unique strategies and actions in line with commitment to sustainable development"

Incorporated in 2000 with a strategic focus to provide integrated automation systems in buildings and infrastructure projects, Pacific Control Systems pioneers the concept of converged solutions and executes large building projects for government and private sectors enabling integrated solutions in Mechanical and Electrical engineering services, delivering Sustainability and energy efficiency as the primary objectives.

The company provides intelligence at both the hardware and software levels. Unlike other players and solutions in the market that are isolated and narrowly focused, Pacific Controls capabilities encompass the comprehensive and transformative nature of machine-to-machine, the IoT, and Smart Systems. Pacific Controls empowers connection and control across digital and physical barriers and harnesses the profound potential of the IoT through end-to-end services and advanced platforms.

Pacific Control Systems has pioneered the concept of Gbots, the artificial intelligence framework developed for virtualization of managed services and for the delivery of real-time business intelligence. Pacific Controls will deploy these intelligent, autonomous, experienced and cognitive software agents across networks, utilizing them for diverse tasks across the world.

Other than their headquarters in Dubai, the company has an operating branch in the USA and carries a greater hope of globalizing the business using the concept of cloud-enabled hosted IoT Marketplace.

To honor its market innovation, Pacific Controls IoT solution has received several prestigious awards and accolades in recent past.

Exclusive Products Offered

Pacific Control Systems' Omni-usage products are driving the integration of the physical and virtual worlds through sophisticated networked computing and large scale data management with real-time machine intelligence

Introducing the New "Galaxy 2021"

Galaxy 2021 is what the company is all about; it is a state-of-the-art enterprise platform which runs on Microsoft Azure cloud infrastructure. It is the world's first enterprise platform delivering city-centric services for the management of its ecosystem components, such as energy, real estate, homeland security, healthcare, hospitality, transportation, education, financial, industrial and retail.

Galaxy 2021 integrates with municipal management information systems to inform opportunities for optimization by increasing operational efficiencies and reducing costs associated with city services. The product delivers real-time governance-centric data to the city's relevant decision-makers and stakeholders.

Pacific Controls will host Galaxy on its enterprise cloud, enabling any asset owner anywhere in the world to subscribe to the managed services offering in a cost-effective manner. Multinational organizations will be able to leverage the Pacific Controls cloud to manage its business process and assets globally on a single platform.

IoT Based Multi Service Gateway

Pacific Control Systems has launched a Multi-Service IoT gateway which is multi-technology, wireless device to allow communication with on-board systems and provide machine data/information in real-time. Various RF technologies including cellular, Wi-Fi, BT and GPS are used to maximize the availability of the communication link at mini-

Meet the key Executive
Dilip Rahulan, Founder and CEO

Dilip has more than 30 years of experience as a business person. He has pioneered the concept of the green buildings in the Middle East and has contributed to the green initiative by spearheading the design and construction of PCS's headquarters under the USGBC LEED program, making it the first platinum rated green building in the Middle East. He has won numerous awards for spearheading technology innovation at Pacific Controls in the space of IoT and Smart City platform development.

Dilip Rahulan, Founder and CEO

mal cost.

Key features include:
- Rich in-field communication protocols
- Data normalization and control engine
- User programmable business rules
- Optimized uplink/cellular bandwidth management
- Cloud-based device provisioning, management and configuration

A Strategic Partnership with Microsoft and Cummins Inc

Pacific Control Systems and Tech giant Microsoft recently announced the availability of Galaxy 2021 Enterprise city management software platform on Microsoft Azure cloud infrastructure. The availability of Galaxy 2021 on Microsoft cloud will offer a comprehensive digital business platform to enterprises around the world. The unmatched capabilities to manage big data analytics and integrate a variety of machines,

> **We will be an ultimate solution provider with a reputation for expertise, quality, and cost effective solutions in the world of automation**

equipments and systems, combined with Azure's largest network of scalable secure private connections, hybrid data bases, storage, data residency and encryption features create a very powerful global proposition to build and deploy unique IoT applications.

Cummins Inc, a leading independent manufacturer of diesel and natural gas engines also announced that Cummins Connected Diagnostics application will be available to industrial and power generation customers using Pacific Controls Galaxy 2021 managed service platform for Cummins midrange and heavy duty electronic engines. Cummins will also provide near-real-time alerts for urgent engine system fault codes. Valuable information and genuine Cummins recommendations are de-

livered to the customer within seconds of a fault occurrence through an easy-to-understand notification email report or directly through the Galaxy 2021 dashboard.

Territory of Clientele

Pacific Control Systems serves a vast array of industrial sectors, specifically targeting territories such as, OEM's, the financial sector, transportation, building and building infrastructure owners, facilities management companies and the government sector. Notable client's mentions include Dubai Civil Aviation, JLL, Cummins, Carrier UTC, HSBC, DP World, JAFZA, EMAAR, Nakheel and all Government entities in the UAE. Pacific Control Systems is proud to have a client retention rate of 98% today.
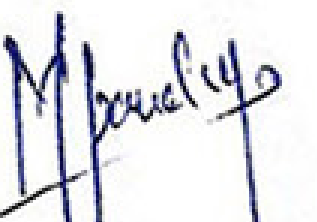SR

Pacific Control Systems

has been recognized for their outstanding achievement in the year 2015 by The Silicon Review as one of the leading / fastest growing IoT companies in

SR 2015
10 Fastest Growing
IoT
Companies

An annual listing of

The Silicon Review

that celebrates not only the glory of the highly valued products / services of the '10 Fastest Growing IoT companies', but also recognizes their efforts in creating a positive impact in the IoT marketplace.

Manish Pandey
Editor-in-chief
The Silicon Review

SR

Sreshtha Banerjee
Managing Editor
The Silicon Review

10 Fastest Growing IoT Companies

Company	Management	Description
MobileProgramming	Craig Ford Managing Director	Mobile Programming LLC, is a certified mobile apps development company providing quality consulting services and custom software development serving clients for more than a decade.
Falt Communication	Mikael Långström, CEO	Faltcom is the earliest entrants in the IoT/M2M market, implementing their first cloud-based solution in Sweden as far back as 2002.
Avalan Wireless, Inc	Matt Nelson President & CEO	AvaLAN Wireless is an industry-leading developer and manufacturer of long range industrial wireless radios and cryptographic technology.
Pacific Control	Dilip Rahulan, Founder & Executive Chairman	Pacific Control is a global provider of end-to-end managed application services and solutions for machine-to-machine (M2M) and Internet of Things applications.
ForeScout Technologies, Inc.	Mike DeCesare, CEO	The Company offers Global 2000 enterprises and government organizations the unique ability to see networked devices, including non-traditional devices, control them and orchestrate information sharing and operation among disparate security tools.
goTransverse	James Messer Founder and CEO	goTransverse powers leading-edge companies who push conventional boundaries with disruptive product and services offerings.
Lantronix, Inc	Jeremy Whitaker, CFO	A specialized networking company providing M2M (machine to machine) and IoT (Internet of Things) solutions.
C-Labs	Chris Muench Founder and CEO	C-Labs Provides Industrial-Grade Solutions For The Internet Of Things (IoT).
M2M Spectrum Networks, LLC	Barclay Knapp Co- Founder	M2M SN is the first dedicated, national, full-service, wireless machine-to-machine (M2M) communications company bringing together its own network, device connectors and applications to solve business problems and improve lives.
robomq.io	Bramh Gupta, CEO	robomq.io provides cloud hosted Message Queue as a Service platform bundled with management interface, dashboards, analytics and SDK to get you going from the day one.