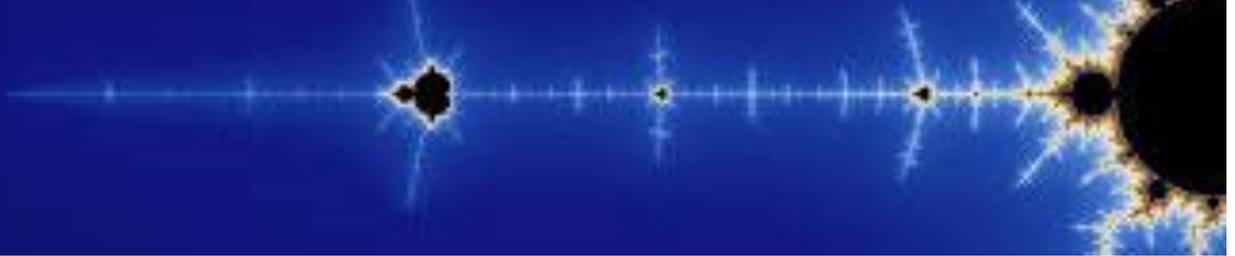


WARM WISHES FOR A WONDERFUL 2017 FROM TEAM GAI



Gaia NEWS

Gaia wins Order of Merit for Social Innovation Product of the Year at Business World Smart Cities Conclave 2016

Dec 2016; Gaia's award winning IOT and analytics enabled solution to measure, aggregate, analyze and report sentiments is seeing a lot of traction in cities and businesses.

[>> Read More](#)

Awards & Accolades

Using IOT to build Smart Infrastructure The Financial Express, Jan5, 2017

Gaia listed as **Brand of the Year for IOT** by Silicon India magazine. [>> Read More](#)

Gaia listed among **20 Most Promising Internet of Things Providers** by CIO Review. [>> Read More](#)

Gaia listed among **30 Most Valuable Tech Companies** by Insight Success. [>> Read More](#)

Gaia IN THE NEWS

Internet of Things: How Gaia Smart Cities is using Iota to build smart water, gas, power meters

THE Internet of Things (IoT) is emerging as the third wave in the development of the internet. The 1990s' fixed internet wave connected one billion users while the 2000s' mobile wave connected another around two billion.

Gaia raises funding

Gaia received investments from India based angel investors Sandeep Shetty and Devang Mehta and US based HNI investors. This has allowed Gaia to scale up its operations and invest further in product development. Gaia Smart Cities is building a suite of IOT based solutions on an integrated analytics-driven platform for businesses and smart cities to measure, track, analyze processes, operational performance or assets. [>> Read More](#)

Big data, as we know it, is passé

CIO Magazine, Nov 25, 2016

Big data, the blue-eyed boy of the enterprise, needs to evolve. It needs to get smarter, leaner, and make more sense. Sumit Dutta Chowdhury explains why smart data is the new Holy Grail.

[>> Read More](#)

Gaia completes the acquisition of the IOT division of netCORE

Gaia completed the acquisition and integration of the internet of things division of netCORE in an equity deal. Gaia's enterprise customers include Amul, Paras, Parag Dairy, ACC Cement and others and Gaia's hardware, software and analytics based solutions are enabling these customers to measure and manage operational performance, thus bringing efficiency and cost savings. [>> Read More](#)

IOT presents big opportunities for Indian Smart Cities

CXO Today, Sep 12, 2016

Urban planning has direct impact on infrastructure and resource management in cities, says Bipin Kumar.

[>> Read More](#)

Gaia CONSISTS FOR SMART CITIES MISSION

In 2016, Gaia Smart Cities worked with 14 cities in preparing their Smart Cities Challenge proposals and provided ICT and network strategy as part of the city infrastructure vision. Of these, 8 cities have been selected among the 60 whose plans have been approved by the government. In the next stage of the Smart Cities Mission, Gaia will be working with a few cities as part of the Program Management Unit in crafting the detailed project reports.

In 2016, Gaia also designed the "smart infrastructure" for a new greenfield township being developed by Tata Steel in Kalinga Nagar in Odisha, working in partnership with urban planning firm RJB Associates. The deployment

Gaia solutions for power, water, gas and sentiment tracking can enable cities to monitor, measure and improve city functions and citizen services, thus improving the efficiency of service provision and quality of life.

Gaia's integrated analytics platform can also bring together heterogeneous networks, technologies and providers together on a common "mesh" interface that can allow cities to access common data and interconnected services.

A Secure Model of IoT with Blockchain
Mit Technology Review, Jan 2017

As the Internet of Things (IoT) adds more and more devices to the digital fold every day, organizations of all sizes are recognizing the IoT's potential to improve business processes and, ultimately, accelerate growth. Meanwhile, the number and variety of IoT solutions has expanded exponentially, creating real challenges. Chief among them: the urgent need for a secure IoT model for performing common tasks such as sensing, processing, storing information, and communicating. But developing such a model involves overcoming numerous hurdles.

Of course, there are multiple ways of looking at the IoT. For instance, the system view divides the IoT into blocks, such as connected things, gateways, network services, and cloud services, while the business view consists of platform, connectivity, business model, and applications. But one common thread connects all

these views: security is paramount.



A prime illustration of security's importance is the major distributed denial of service (DDoS) attack in October 2016. This massive assault affected millions of Internet addresses and temporarily crippled the servers of popular services such as Twitter, Netflix, and PayPal. One source of traffic for the attack: the countless IoT devices that had been infected and hijacked by Mirai, a simple malware program readily available online, and used against the servers.

The Blockchain Model

Blockchain's big advantage is that

it's public. Everyone participating can see the blocks and the transactions stored in them. However, that doesn't mean everyone can see the actual content of a transaction; that information is protected by a private key.

A blockchain is decentralized, so no single authority can approve transactions or set specific rules to have transactions accepted. As a result, the model involves a great deal of trust, as all the participants in the network must reach a consensus to accept transactions.

Most important of all, it's secure. The database can only be extended; previous records cannot be changed—or, at least, there's a very high cost if someone wants to alter previous records.

Read the full article [here](#) on Open Mind.

Industrial Analytics Based On Internet Of Things Will Revolutionize Manufacturing
Forbes, Dec 2016

Industrial Analytics (IA) describes the collection, analysis and usage of data generated in industrial operations and throughout the entire product lifecycle, applicable to any company that is manufacturing and selling physical products. It involves traditional methods of data capture and statistical modeling. However, most of its future value will be enabled by advancements in connectivity (IoT) and improved methods for analyzing and interpreting data (Machine Learning).

A fascinating report on how Industrial Analytics is maturing based on advances in the areas of IoT, machine learning, and big data analytics was published this week. You can download the Industrial Analytics Report 2016/17 report here (58 pp., PDF, free, opt-in). This study was initiated and

governed by the Digital Analytics Association e.V. Germany (DAAG), which runs a professional working group on the topic of Industrial Analytics. Research firm IoT Analytics GmbH was selected to conduct the study. Interviews with 151 analytics professionals and decision-makers in industrial companies were completed as part of the study. Hewlett-Packard Enterprise, data science service companies Comma Soft and Kiana Systems sponsored the research. All research and analysis related steps required for the study including interviewing respondents, data gathering, data analysis and interpretation, were conducted by IoT Analytics GmbH.

Please see page 52 of the study for the methodology.

Increased revenue (33.1%), increased customer satisfaction

(22.1%) and increased product quality (11%) are the top three benefits of Industrial Analytics.

Predictive and prescriptive maintenance of machines (79%) is the most important application of Industrial Analytics in the next 1 – 3 years.

68% of decision-makers have a company-wide data analytics strategy, 46% have a dedicated organizational unit and only 30% have completed actual projects.

Read the full article [here](#) on Forbes.

