

# Software AG and Wipro Ltd.

## Internet of Things solutions for smart, connected products



## Cater to connected customers in real time

With 50 billion devices connected by 2020, the Internet of Things (IoT) is changing everything. Moving forward, more products will be embedded with sensors that can tell you how customers are using your products—right now—so you can adapt dynamically.

Understand and satisfy your connected customers better than ever with Wipro Looking Glass, the IoT solution from Software AG and Wipro Ltd.

### Fast entry, big possibilities

Understand how your products perform and how your customers really are using your products after they leave your warehouse. Wipro Looking Glass leverages the proven big data streaming technology of Software AG and the expertise of Wipro Ltd., a leader in the building the IoT for business outcomes. The solution platform enables a fast and easy entry into the real-time insights and business opportunities offered by the IoT.

### Security

One of the most important and overlooked topics in IoT is security. This is why we place security above all else. The platform allows you to give access to your distributors and customers using an advanced mapping authorization engine. Our endpoint security technologies are customized specifically to the machine world of the IoT, offering tighter security control than networked VPN solutions.

### How the solution works

Wipro Looking Glass combines a real-time analytics engine, in-memory database technology, a real-time user interface and data mashup technologies. These components are proven to scale in high speed and big data environments in industries such as financial services, manufacturing and supply chain, and telecommunications.

Software AG's streaming analytics technology integrates, captures, analyzes and responds to data captured by products that are connected to the IoT. The solution can run both on-premises and in a single or multiple clouds simultaneously. Through leading-edge data management technologies, the platform offers unlimited scalability.

The foundation framework allows for the flexible and rapid development of customer-specific solutions at a lower cost and reduced risk. With cloud-hosted analytics and algorithms that are accessible by digital sensors and devices, actions like process updates, event responses and machine behavior can be implemented effortlessly.

### Use cases

A jet engine manufacturer can detect how an airline is operating the plane and tell them that the way their pilots are throttling the planes on landing approaches is burning extra fuel.

A car manufacturer can detect anomalies in the braking software before users report problems and push an update to the drivers' dash without having to do a recall.

A medical infusion pump manufacturer can detect that a hospital is using the pumps at 90 percent and can sell more pumps to that hospital or sell pumps on a utilization (per hour) basis.

An electric motor manufacturer with a new energy efficient motor can use real data from the entire fleet to back up a claim.



The pervasive connectedness of Generation-C is giving birth to unprecedented intelligence and insights via the IoT. Make those insights work for you with Wipro Looking Glass—from Software AG and Wipro Ltd.

### About Wipro Ltd.

Wipro Ltd. (NYSE:WIT) is a leading Information Technology, Consulting and Business Process Services company that delivers solutions to enable its clients do business better. Wipro delivers winning business outcomes through its deep industry experience and a 360 degree view of “Business through Technology” - helping clients create successful and adaptive businesses. A company recognized globally for its comprehensive portfolio of services, a practitioner’s approach to delivering innovation, and an organization wide commitment to sustainability, Wipro has a workforce of over 150,000, serving clients in 175+ cities across 6 continents. For more information, please visit

[www.wipro.com](http://www.wipro.com)

### Key benefits

- Respond proactively to events in real time with unlimited data and device scalability
- Understand your customers better and anticipate market trends
- Innovate and generate new revenue streams
- Accelerate time-to-market using proven technology and proven IoT experienced professionals
- Make informed decisions faster
- Proactively fix issues before they actually occur
- Transform customer service—dramatically improve the customer experience
- Count on security, from data privacy to protecting the integrity of your devices

### A winning partnership

“Wipro offers end-to-end services for the IoT, enabled through business and technology frameworks to address the business challenges of the customers. Analytics and Visualization form important elements of this value proposition and the partnership with complements the other offerings in the framework that we enable for customers.”

*Alan Atkins, Vice President and Global Head, Internet of Things (IoT), Wipro Ltd.*

“The IoT poses a completely new challenge to system designers. It’s about architectures that can continuously analyze streaming data, make smart decisions in very short time frames and intelligently evolve system behavior. It’s about the business impacts this can yield: taking advantage of opportunities, reducing cost and navigating around threats in real time. That’s what makes a system smart and gives it the ability to add value to the products and services we provide.”

*Audi Lucas, Senior Architect - Connected Products, Manufacturing & Hi-tech Industries, Wipro Ltd.*

“The key to successfully addressing the IoT market is the ability to rapidly build and evolve apps that tap into, analyze and make smart decisions on fast, big data. This partnership addresses these requirements by combining Wipro’s dedicated Software AG product practice, support services and a sharp industry focus with Software AG’s industry-leading streaming analytics product suite—together delivering a unique and powerful streaming analytics solution platform.”

*John Bates, Global Head of Industry Solutions and CMO, Software AG*



Find out how to power up your Digital Enterprise at [www.SoftwareAG.com](http://www.SoftwareAG.com)

### ABOUT SOFTWARE AG

Software AG helps organizations achieve their business objectives faster. The company’s big data, integration and business process technologies enable customers to drive operational efficiency, modernize their systems and optimize processes for smarter decisions and better service. Building on over 40 years of customer-centric innovation, the company is ranked as a “leader” in 14 market categories, fueled by core product families Adabas-Natural, Alfabet, Apama, ARIS, Terracotta and webMethods. Learn more at [www.SoftwareAG.com](http://www.SoftwareAG.com).

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