Cryptocurrencies Transactions Advisor Using a Genetic Mamdani-type Fuzzy Rules Based System

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Outline

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Growth

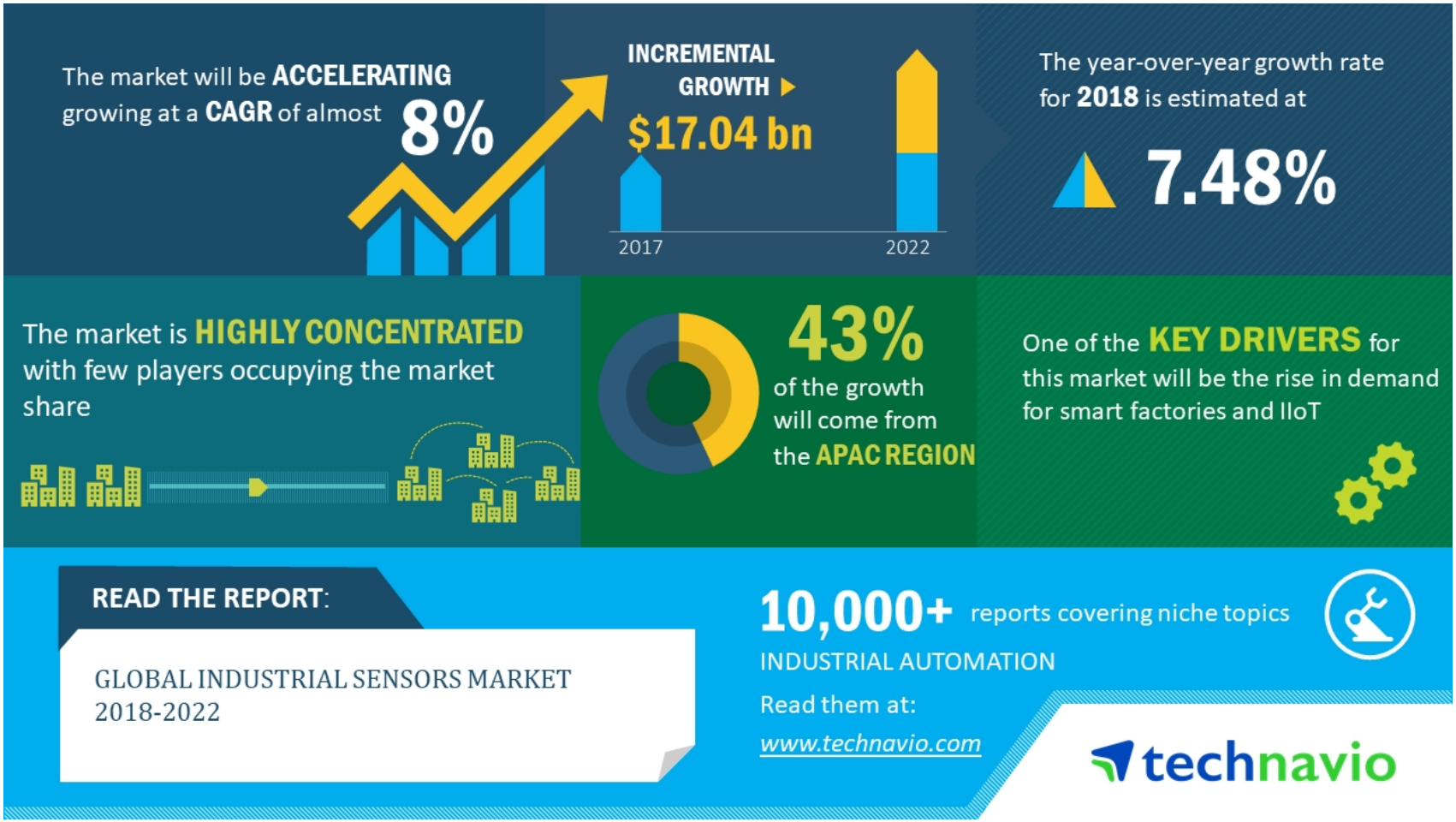
Global Sensor Market is expected to garner USD 241 billion by 2022, registering a CAGR of 11.3 % during the forecast period 2016 - 2022. Sensor is a device that detects physical input such as light, heat, motion, moisture, pressure, or any other entity, and responds by producing an output on a display or transmits the information in electronic form for further processing. The sensors find their applications in various industries such as electronics, IT & telecommunication, automotive and healthcare among others.

In the current scenario, smart grid, smart homes, smart water networks, intelligent transportation are infrastructure systems that connect our world are trending. These systems are assembled through the use of sensors, and the entire physical infrastructure is closely coupled with information and communication technologies. Intelligent monitoring and management can be achieved via the usage of networked embedded systems, in which devices are interconnected to transmit useful measurement information and control instructions via distributed sensor networks.

Sensor Market

The global industrial sensors market to grow at a CAGR of 7.87% during the period 2018-2022.
Global Industrial Sensors Market 2018-2022, has been prepared based on an in-depth market analysis with inputs from industry experts. The report also includes a discussion of the key vendors operating in this market. To calculate the market size, the report considers the revenue generated from the use of different types of sensors across different industries.
The latest trend gaining momentum in the market is the increasing demand for remote monitoring. The advent of the industrial IoT is expected to represent the biggest opportunity for the development of industrial sensors across different end-user industries.

Market Size



Source: https://coinmarketcap.com/all/views/all/ Accessed on: Jul 01, 2018 9:00 PM UTC

Sensor network complexity

More sensors, more complex networks.
Unsynchronized measurements
Time delays
Aperiodic sampling

Examples

Big data, HAR with the use of accelerometers and girometers.

Examples

State estimation