

Infection Surveillance Solution Market - Forecasts from 2020 to 2025

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Abstracts

The infection surveillance solution market is estimated to grow at a CAGR of 12.23% to reach US\$700.647 million by 2025, from US\$350.627 million in 2019. The increasing number of cases of healthcare-associated infections (HAIs) and improving infection control and control solutions are leading to an increase in the adoption of infection surveillance solutions to aid in the proper and effective monitoring of the state of infections in the patients and healthcare facilities. Healthcare-associated infections are one of the most common types of infections that are acquired by the patients whilst they are undergoing treatment at hospitals, which have improper sanitation and do not adhere to the disinfection and infection control and prevention policies and the stringent guidelines provided strictly. According to the statistics provided by the World Health Organization, nosocomial infections, which are generally referred to as healthcare-associated infections are increasingly frequent and an adverse event that plagues the health care facilities and healthcare delivery globally. There are approximately 7 in the developed countries and around 10 in developing countries out of the admitted 100 patients that are prone to and will acquire at least one type of healthcare-associated infection. The patients that are admitted to the neonates and the intensive care units (ICUs) are also prone to the epidemic burden of healthcare-associated infections that too more in low-income and middle-income countries than the countries with high income.

In addition, the most common infection acquired during the provision of healthcare services is the urinary tract infection (UTI) and the infection that burdens lesser-equipped health care settings are the surgical site infections (SSIs) and affects about one-third of the operated patients, which is up to nine times more than in the developed countries. In high-income economies, about 30% of patients in ICUs contract at least one of the healthcare-associated infections, in the middle-income and low-income

economies the ICU associated infections rate is two or three times more and device-associated infections are 13 times higher than the US. Even the newborns are at high risk in developing countries, with the rate of infections three times or 20 times higher than high-income countries. This is leading to the market players adopting infection surveillance solutions in order to effectively maintain the state of the hospital treatments, hospital surroundings, and all the devices and hygiene-related practices that are essential to achieve a high infection control and infection prevention to minimize the spread of nosocomial infections. Thus, it is playing a key role in augmenting the market growth over the forecast period.

The increasing participation of the core organizations in taking steps in order to tackle the problem of the spread of infection during hospital treatment and encourage different healthcare facilities to make use of infection surveillance solutions.

The Hospital Epidemiology and Infection Control, (HEIC), which is a part of John Hopkins Hospital (JHH), has two main objectives, to effectively perform comprehensive surveillance for healthcare-associated infections and in order to create, implement, support and sustain interventions based in evidence in order to prevent HAI's. This department makes use of the definitions of infection surveillance as provided by the Centers for Disease Control and Prevention (CDC) National Health and Safety Network. The hospital staff from HEIC provides feedback of hand hygiene performance and infection surveillance data to each hospital unit weekly. The data trends in regard to hand hygiene, healthcare-associated infections, and multi-drug resistant prevention programs are also being reported on a wide range of institutional dashboards as well as quality reports. The major requirement of an effective and comprehensive must include all the HEIC participation in the several unit-based root cause analyses of each of the infections and programs to promote, monitor and sustain the evidence-based practices.

The segments that need to be paid attention to that require measures are hand hygiene, Healthcare-associated infections, Multi-drug Resistant Organisms (MDROs).

Product Offerings by Major Market Players

The better, advanced and diverse varieties of Infection Surveillance solutions and services with enhanced properties that are able to effectively prevent contamination and spread of diseases to the end-users. These products are being offered by existing and new players in different markets is estimated to lead to increased adoption and propel the market growth further over the forecast period.

Some of the examples of the product offerings are as follows:

In May 2019, RLDatix, one of the leading companies that is involved in providing healthcare solutions that provide patients safety solutions, quality improvement, and harm reduction in healthcare announced that they entered into an acquisition agreement in order to acquire iContracts, which is one of the leading companies dealing in cloud-based solutions for risk management. By this acquisition, the proper and more effective policies can be implemented.

The North American region is expected to hold a considerable share over the forecast period and the Asia Pacific region is expected to increase its share.

The well-positioned healthcare industry and the provision of one of the best healthcare facilities in countries such as the US and the awareness programs being promoted are expected to aid the North American region to hold a significant market share over the forecast period. The Asia Pacific region is also estimated to increase its share over the forecast period, which is attributable to the increasing number of investments in order to accelerate the development of the healthcare industry and providing better healthcare services to the low-income population.

Segmentation:**By Solution Type**

Software

Services

By Deployment Mode

On-premise

Cloud

By End-User

Clinics

Hospitals

Laboratories

By Geography

North America

USA

Canada

Mexico

South America

Brazil

Argentina

Others

Europe

UK

Germany

France

Spain

Others

Middle East and Africa

Saudi Arabia

UAE

Israel

Others

Asia Pacific

Japan

China

India

Others

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