Digital Scent Technology Market by Hardware devices, End-user, End-product & Geography - Forecast to 2020

Description: The Digital Scent Technology market is being driven by various factors such as Ase-nose based quality assessment of raw material in the food & beverage industry, and the e-nose application for clinical diagnosis. Major restraints for this market have been substitutes used for detecting explosives in the military & defense application and the high cost of digital scent technology. These restraints are acting as barriers for the growth of digital scent technology market. Major opportunities in the digital scent technology market area publications of e-nose in the security and military sectors. These opportunities are expected to boost the Digital Scent Technology market. Major challenges for digital scent technology market are chemicals that may harm human health, and the unpredictability of air flow.

North America accounted for the largest market share in the digital scent technology market, due to a significant presence of key players such as Smiths Detection Inc. (U.S.), ScentSational Technologies LLC (U.S.), and Scent Sciences Corporation (U.S.). However, the market in Europe is estimated to grow at the highest rate between 2015 and 2020. The global digital scent technology market is expected to reach $691 million by 2020, at a CAGR of 30.4% between 2014 and 2020.

The global digital scent technology market has been segmented into four categories that include: hardware device, end-product, end-user, and geography. The hardware device segment includes nose and scent synthesizer. The end-product segment includes mobile phone, smelling screen, music & video game, explosives detector, quality control product, and medical diagnostics product among others. The end-user segment includes marketing, food & beverage, entertainment, education, healthcare, communication, and military & defense among others. The digital scent technology market has also been segmented based on the geography. The market by geography has been classified into various regions such as North America, Europe, APAC, and RoW, out of which North America accounted for the largest share.

Some prominent players in this market are Smiths Detection Inc. (U.S.), Scent Sciences Corporation (U.S.), ams AG (Austria), Alpha MOS SA (France), Electronics Sensor Technology (U.S.), ScentSational Technologies LLC (U.S.), Scents.com Ltd. (Israel), AIRSENSE Analytics GmbH (Germany), and The eNose Company (Netherlands).

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