This guide will help organizations select the best Operator Training Simulator (OTS) and Immersive Training Simulator (ITS) technology and services for their business requirements. This guide contains guidance, specific selection criteria, adoption factors, and supplier profiles to help make insightful decisions, reduce technology decision-making risks, and address training requirements.

Companies are looking for solutions designed to train process operators and other types of workers in process manufacturing plants and other industrial plants quickly and effectively. The guide includes information about software technologies, tools, and methodologies, including both high-fidelity solutions that replicate plant operations exactly and generic process- or application-specific simulators.

Training simulation systems considered in the guide include 2D, 3D, generic high-fidelity, dynamic high-fidelity, and immersive virtual reality-type solutions.

Many experienced operators and industrial workers are retiring and knowledge transfer is a factor driving training simulator solutions. Users need training that helps them learn quickly and increases safety. Workers need to feel confident that they can respond to abnormal conditions and avert potential disasters. Suppliers are responding with dynamic high-fidelity solutions that include 2D, 3D, and immersive reality training. Console training simulators are being linked to field training simulators using newer technologies such as immersive virtual reality and mobile applications.

For more information, please visit us at www.arcweb.com/market-studies/.

EXECUTIVE OVERVIEW
Major OTS and ITS Trends
Industry and Regional Trends

ADOPTION STRATEGIES
Factors Contributing to Adoption
Factors Inhibiting Adoption

SCOPE OF REPORT RESEARCH
Key Issues Researched
Market Information, Terms, and Functions
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Survey, Methodology, Interview Data, and Recommendations

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North America
Europe, Middle East, Africa

Asia
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Console Operator Training
Field Operator Training

Market Shares by Simulation Type
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High Fidelity

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2D
3D
Immersive (Virtual Reality)

Market Shares by Industry
Chemical
Electric Power Gen – Fossil/Nuclear
Mining
Oil & Gas
Pulp & Paper
Refining

SUPPLIER PROFILES
Profiles for major suppliers servicing the OTS/ITS market are included. Each profile reviews the company’s business, products, and services.

Global Operator Training Simulators Improves Learning Retention Rate (Source: NTL)