

# Worldwide IT/OT Convergence Strategies

---

IDC's *Worldwide IT/OT Convergence Strategies* provides insight and thought leadership as they relate to technology shifts, organizational pressures, and market conditions caused by the digital transformation of industrial operations such as manufacturing, oil and gas, utilities, and mining. The program will focus on the areas of operational data strategies, connectivity and infrastructure in operations, and operational technology (OT). This CIS will provide insight into the transforming business models that are driving the convergence of IT and OT.

---

## MARKETS AND SUBJECTS ANALYZED

- Industrial data life-cycle management
  - The evolution of operations technology
  - Data historians
  - Industrial automation
  - Digital twins and digital thread
  - Industrial edge and cloud strategy
  - Industrial IoT
  - Asset life-cycle management
  - Connected worker technologies
- 

## CORE RESEARCH

- Digital Thread: Making Data Accessible, Accurate, and Actionable
  - Three Steps to a Converged IT/OT Organizational Model
  - IT/OT Convergence Survey: Key Findings
  - Data Historians for IT
  - Edge Analytics on the Grid
  - IIoT and Smart Manufacturing
  - From Siloed to Holistic Asset Management
  - The Role of Edge and Cloud in OT
  - Consultants Providing OT and IT Services
- 

In addition to the insight provided in this service, IDC may conduct research on specific topics or emerging market segments via research offerings that require additional IDC funding and client investment. To learn more about the analysts and published research, please visit: [Worldwide IT/OT Convergence Strategies](#).

---

## KEY QUESTIONS ANSWERED

1. How do you build an industrial data architecture?
  2. What part of the organization owns the edge?
  3. How does IIoT strategy impact ICS?
  4. What does the consulting landscape look like in a converged IT/OT environment?
  5. How do digital twins advance AI capabilities in operations?
  6. Where do data historians fit in an enterprise data strategy?
  7. What does the next generation of asset management entail?
- 

## COMPANIES ANALYZED

This service reviews the strategies, market positioning, and future direction of several providers in the IT/OT market, including:

ABB, Aveva, C3 IoT, Cisco, Dassault, Emerson, GE Digital, Honeywell, IBM, Infor, Maana, Microsoft, Oracle, OSIsoft, Plex, QAD, Rockwell, SAP, Schneider Electric, Siemens, and Uptake.