

# ENERGY

AUTOMATED EQUIPMENT  
AND SERVICES



# ATS Worldwide

ATS has mastered automation across diverse industries and processes. The vast experience and resources gained from being a world leader in automation directly benefits every energy project.

## GLOBAL FOOTPRINT

20 facilities and support locations around the globe

## EXPERIENCE

Successful completion of over 15,000 projects worldwide

## INNOVATION

A world leader in creating benchmark automation solutions across diverse sectors

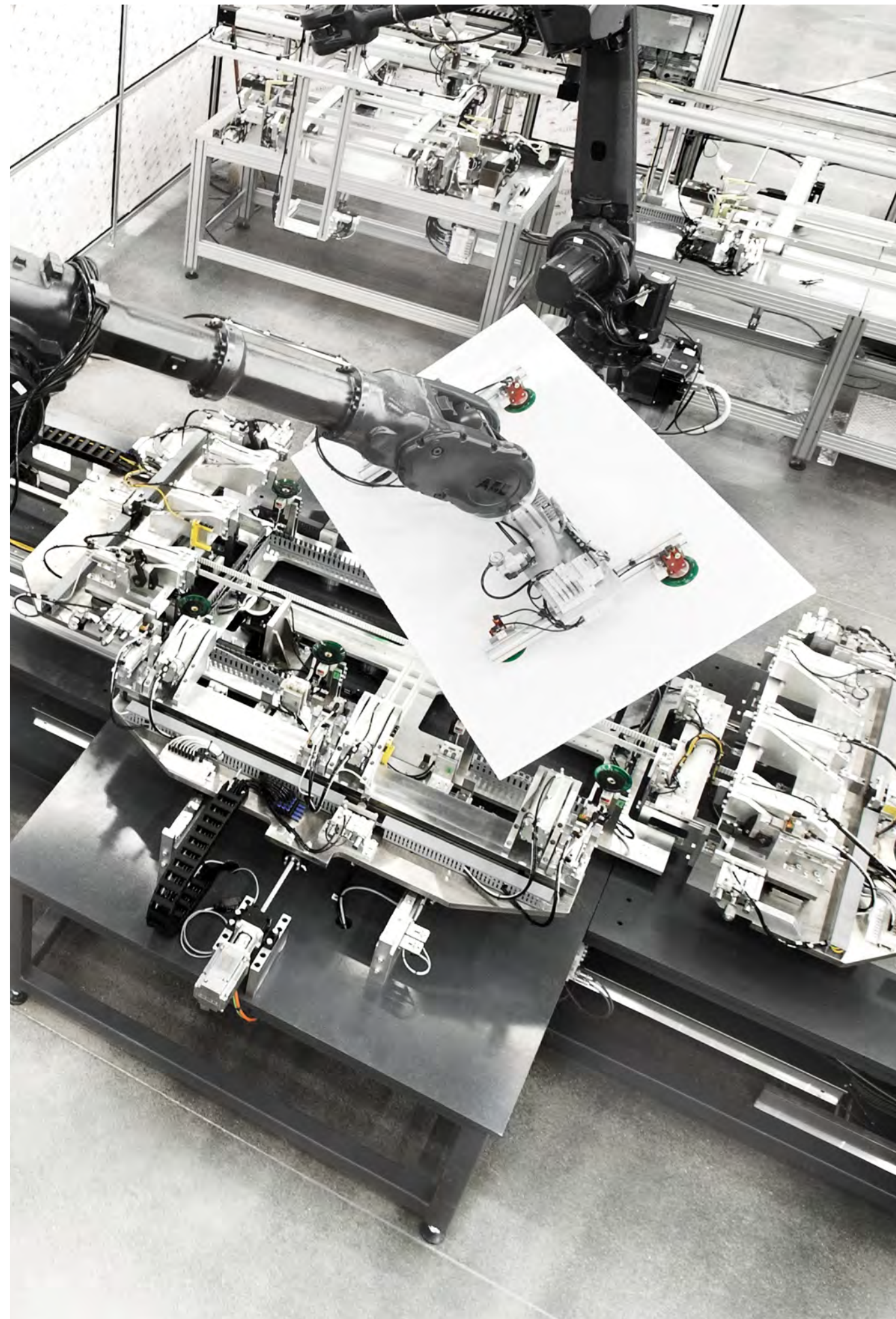
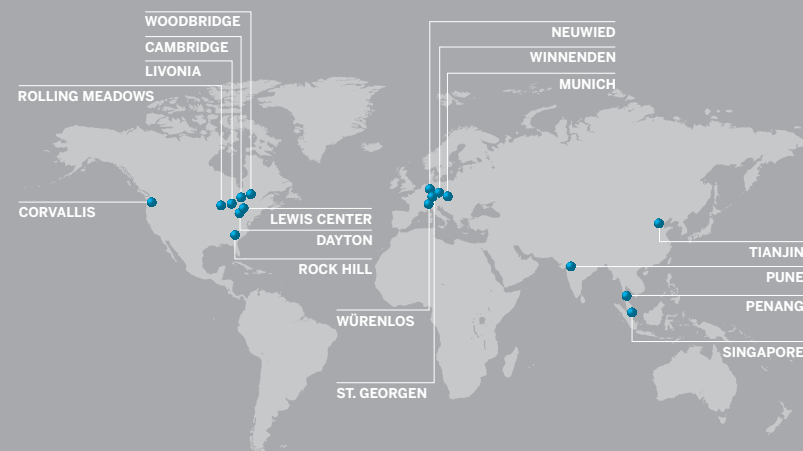
## SCALE OF RESOURCES

A knowledge base that includes 2,400 employees and a vast network of highly skilled partners and suppliers

## FINANCIAL STRENGTH

Positive financial results and a healthy balance sheet solidifies ATS as a strong partner with a clear intention for long term relationships

## Global presence



# Knowledge to go the distance

At ATS, we believe that leveraging insights and best practices between all the markets we serve creates a unique multi-industry synergy. We apply the knowledge gained from other sectors to projects in the energy industry.

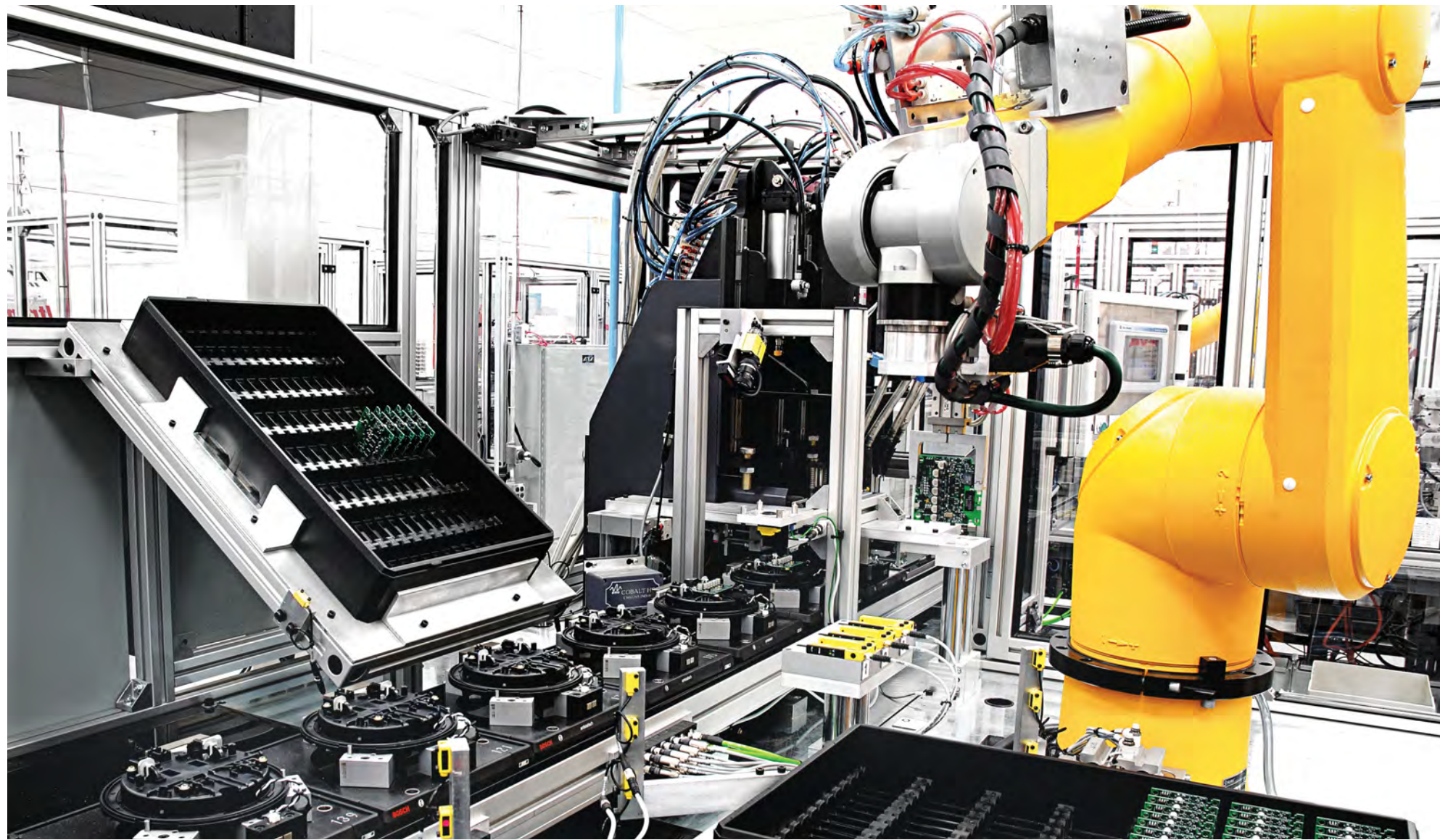
## THE BENEFITS OF KNOWLEDGE SHARING:

- / Enhanced problem solving
- / Strengthened capabilities
- / Accelerated time to market



## MULTI-SECTOR EXPERIENCE

- / ATS successfully delivers automation solutions across diverse industries



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# Offering the perfect synergy of experience, automation technology, and scale

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Bringing thousands of unique automation projects to market has helped us develop an extensive range of technology and experience. Whether you need ATS to build custom automation globally or to help you take advantage of our contract equipment manufacturing, we have the scale to reduce costs and speed time to market.

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## ATS in Energy

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You have unique requirements. We have the expertise to exceed them.

### Assembly

ATS has engineered more than 1,000 assembly systems responsible for building energy devices. Whether your need is for power generation or harvesting, energy management or storage, we have the assembly expertise to bring your product to life.

### Testing

Our sophisticated range of automated testing capabilities – from solar simulators to high pressure leak detection to functional testing – gives you the confidence that your product will do exactly what it is intended to do. We can even test components at critical points during assembly, preventing unnecessary waste and delays.

### EXPERIENCE INCLUDES:

- / Batteries (Li-ion, NiMH, Lead Acid)
- / Smart Grid Components
- / Photovoltaics
- / Nuclear Energy
- / Thermal Energy
- / Wind Power
- / Fossil Fuel Harvesting
- / Fuel Cells

### ATS DELIVERS:

- / Accelerated delivery due to proven methodologies
- / Proven experience working in process-driven environments
- / Extensive reliability and robustness testing
- / Turnkey solutions with complete life cycle services

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# Helping advance the future

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ATS has a lifetime of experience automating manufacturing processes. As technology advances, our capabilities continually evolve to keep pace:

## Generation

From solar, wind, and nuclear power generation, to thermal and fossil fuel harvesting, ATS has delivered high performance manufacturing systems that make new technologies a reality.

## Management

Our expertise in electronics and assembly automation combined with our contract equipment manufacturing skills is the perfect complement to projects in the smart device and energy management space.

## Storage

As energy storage grows in importance, ATS experts have worked closely with industry leaders to develop manufacturing systems that excel.



# The people behind the projects

When you work with ATS on your energy project you are backed by our experienced, professional management team and hundreds of skilled experts worldwide. The range of core competencies offered by our diverse global workforce means that we can find the perfect combination of skills to complement any project.

## The comprehensive support you need

Our program managers work seamlessly with your experts to ensure that all required skill sets are well represented on the project team. In addition, we have access to a vast network of qualified, audited partners who can supply the components or expertise needed to fill any gaps. We take ownership of guiding the team, raising any issues for joint collaboration and resolution to ensure the project is delivered on time and on budget.

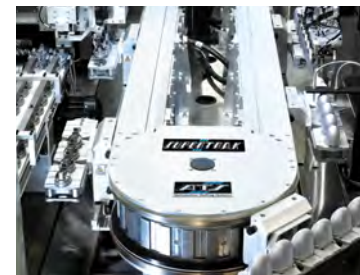
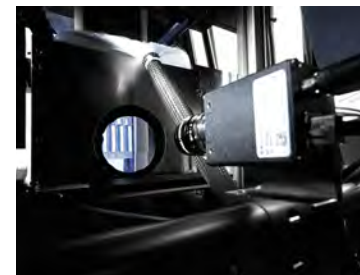
- ATS CORE COMPETENCIES:**
- / Project Management
  - / Mechanical
  - / Electrical
  - / Software
  - / Physics
  - / Chemistry
  - / Toolmaking
  - / Production



### 5 PHASES IN THE PROJECT LIFECYCLE

**A proven process**  
Our program process is modelled around the Project Management Institute's 5 phased project lifecycle. A combination of proven methods and global best practices ensures successful implementation of your requirements.





# Achieving best in class

## TECHNOLOGY PORTFOLIO

Years of experience supporting energy automation projects means that we have built up an extensive array of technology that will work for you.



## A DISCIPLINED APPROACH TO PROGRAM EXECUTION

Our program management group delivers extensive project planning, thorough communications and customer advocacy. All risks are carefully identified and assessed with detailed recommendations for mitigation.



## TURNKEY SOLUTIONS

We will take responsibility for ensuring you have the sophisticated equipment and services needed to support your energy project.



## SCALING RESOURCES TO MEET REQUIREMENTS

We can efficiently ramp up staff and resources to meet aggressive timelines.



## DESIGNED FOR EASE OF USE

We build our automation systems to maximize reliability, maintainability and sustainability. Then we test them thoroughly to prove their efficacy. Once a solution is installed at your facility, ATS experts can work closely with you to ensure it is running at its very best.

# Best in class

ATS follows an innovative and thoroughly-tested process to provide state-of-the-art energy solutions:

### INVESTIGATE

We analyze our extensive technology portfolio to determine whether ATS can effectively meet all project requirements through our own knowledge base and proprietary technology

### INTEGRATE

If we can't meet all criteria in-house, we integrate technology and expertise from one of our world-class suppliers

### INNOVATE

If the right tools don't yet exist, we combine our creativity and expertise to bring them to life

# Sharpen your competitive edge with ATS

20 global locations. 15,000 automation projects. 2,400 employees. 1 trusted partner: ATS  
Learn more at [www.atsautomation.com](http://www.atsautomation.com)

## Energy Solutions



World automation leader

Multi-sector insights

Proven performance

## ATS strengths at work for you



Turnkey

TECHNOLOGY PORTFOLIO

PROVEN METHODOLOGIES

LIFECYCLE SERVICES

CONTRACT EQUIPMENT  
MANUFACTURING



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