

## Solutions that Power and Protect

Military modernization and readiness depend on systems that can respond anywhere and anytime with speed, precision and resilience.

Through an extensive, integrated manufacturing base, ATI produces a wide range of military-grade titanium, nickel alloys, specialty steels, and other materials and components for defense contractors and other customers, powering and protecting in the air, on land, and in the sea.

## Solving the World's Challenges through Materials Science

For decades, we've been meeting challenges for customers whose systems need to fly higher, dig deeper, stand stronger, and last longer - anywhere on, above, or below the earth. Within growing markets with high barriers to entry, our technically difficult products are made possible by ATI's materials science and unique production capabilities. This enables our customers' extraordinary end-product performance and earns us their long-term commitment.

We provide these materials in a complete range of product forms and have the resources to fabricate near and net shape components as well. Our dedicated defense team supports customers with engineering, materials knowledge and technical support.



**ATI is critical to U.S. national security and defense.**

We generate annual revenues of nearly \$400 million helping the armed services achieve their mission.



### Air

ATI meets the extreme challenges of advanced jet engines, airframes and vertical lift by delivering materials that improve weight and strength at the highest temperatures.



### Sea

ATI's advanced nuclear propulsion materials and components enable the U.S. Navy to defeat our adversaries, deter aggression, and maintain freedom of the seas, 24/7.



### Land

ATI's solutions offer high strength, light weight, and corrosion resistance, helping to make next-generation combat vehicles more survivable.



### Space

Our products help to protect and defend democracy and freedom around the world. Our materials deliver global communications, navigation, and early warning against forces hostile to the U.S. and its allies.

# Helping to Fight... and Win



## Taking flight.

ATI's materials science expertise improves speed and strength, helping jet engines run hotter (nearly twice the melting point of the specialty metals of which they're made) and aircraft maneuver at supersonic speeds.



## Survivable and maneuverable.

ATI's titanium provides premium armor protection for the M1A2 SEPv3 Abrams tank and other combat vehicle systems. Our high-strength materials enable enhanced protection even in the toughest situations.



## There since the beginning.

Our history of innovative naval propulsion materials spans over 50 years, including products used on the U.S. Navy's first nuclear-powered submarine. Today, ATI materials continue to enable the propulsion systems of nuclear aircraft carriers and submarines.



## It all hangs on our forgings.

A heavy-lift military helicopter can hoist a combat vehicle into the air, carry it 50 miles, and stick the landing perfectly. Our forgings give its rotor hub assembly the incredible strength and durability it needs for the mission.



## No speed limit.

Missiles demand the best that materials can offer. Propulsion, maneuverability, and lethality require exceptionally strong, high temperature materials that excel under extreme conditions. ATI's Relentless Innovation powers all classes of missiles and is helping to make hypersonics systems a reality.



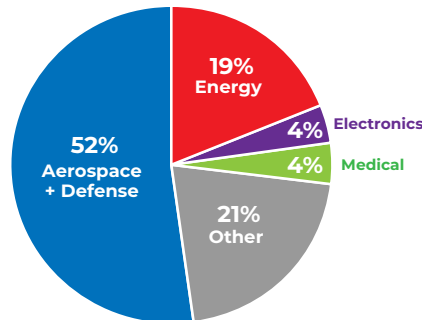
## Additive advantage for UUVs.

ATI's additive design and manufacturing enables rapid prototyping and production of critical structural components for Unmanned Underwater Vehicles, delivering high-performance, corrosion-free operation in demanding deep water environments.

## ATI at a Glance



2019 Revenue  
**\$4.1 B**



## Differentiated by Relentless Innovation

What are your challenges? What do you hope to achieve? Through close collaboration with customers, our relentlessly innovative people combine materials science expertise and advanced process technologies to deliver more than just military-grade metals. Customers rely on us for:

- Metallurgical expertise and support
- Early design collaboration
- Materials testing support
- Supply in quantities from prototype to full scale production.

ATI offers certainty of supply by controlling the entire material flow path across our broad manufacturing capabilities, thus ensuring supply security through the duration of contracts.



ATI is an international company with nearly 8,000 relentless innovators across 9 locations in Europe, 12 in Asia and more than 30 in the United States.



ATI touches more than 50% of the elements on the periodic table by managing in, managing out, or in our processes.

## ATI Core Values

### INTEGRITY

We do the right things the right way; it's the cornerstone of our relationships with every stakeholder.

### SAFETY & SUSTAINABILITY

We are committed to a Zero Injury Culture, protecting our people and the planet through our products and the way we operate.

### ACCOUNTABILITY ACCOUNTABILITY

We do what we say we are going to do. We set a standard for excellence and hold ourselves and our team accountable for our actions, results and delivering value for our customers.

### TEAMWORK & RESPECT

We seek and celebrate diverse views, capabilities and experiences to power our collaborative work environment.

### INNOVATION

We embrace change and unique perspectives to create sustainable value, acting with urgency and taking calculated risks to learn and continuously improve.



atimetals.com • NYSE: ATI  
Allegheny Technologies Inc.



@ATIMetals  
ATI - Allegheny Technologies Incorporated