

# Laser Photonics Corporation

INVESTOR PRESENTATION

November 2024



NASDAQ  
LASE

FLIX | OCT 7

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# Safe Harbor

This presentation contains forward-looking statements or information regarding future events and the future results of Laser Photonics Corporation. (the "Company") based on current expectations, estimates, forecasts, and projections about the markets in which the Company operates and current beliefs and assumptions of the Company's management. Forward-looking statements can be identified by the use of forward-looking terminology, including the terms "believes," "estimates," "anticipates," "expects," "may," "will," or similar words, or in each case, their negative, or other variations or comparable terminology. These forward-looking statements include all matters that are not historical facts such as express predictions of future events and trends.

The assumptions and estimates underlying these forward-looking statements are inherently uncertain and are subject to a wide variety of significant business, economic, competitive and other risks and uncertainties that could cause actual results to differ materially from those contained in those statements. In sum, forward-looking statements should not be relied upon as necessarily being indicative of future results, and the inclusion of these statements should not be regarded as a representation that the results reflected therein will be achieved.



# Who We Are

Laser Photonics is the **leading industrial innovator** in high-tech systems for:

Laser Cleaning



Laser Cutting



Laser Engraving



Laser Marking



Our products have been used in the **automotive, aerospace, industrial, defense, electronic, semiconductor, flat panel and medical industries** around the world for **over 40 year**. Laser Photonics provides a wide selection of industrial laser products that cover a large and growing set of applications. Together, we can keep the world working while providing industry professionals around the world with products that keep their operations running safely and efficiently.

**>2,000**  
Customers

**40**  
Years  
Experience

**\$5.35**  
Stock Price  
(10/31/2024)



# Massive Market Opportunity



# Experienced Management

## Wayne Tupuola

Chief Executive Officer

Wayne Tupuola has over 15 years of C-level management. Prior to joining Laser Photonics, Wayne spent over 25 years of hands-on experience in fiber laser equipment manufacturing, semiconductor, aerospace industries

## John Armstrong

Executive Vice President

John Armstrong is our Executive Vice President with over 20 years of public sector experience within the aerospace industry. Armstrong has provided leadership and HR support for 10,000+ employees nationwide within a division that generates \$4.5B+ in revenue.

## Carlos Sardinas

Vice President, Finance

Mr. Sardinas has over 15 years of experience in the private and public sectors and has led and managed financial teams, developed and implemented financial strategies and assisted companies in providing accurate and timely financial reporting. Carlos' background is primarily with large government defense contractors and has also served in leadership roles at private companies.

## Igor Vodopiyanov

Vice President, R&D

Igor Vodopiyanov, PhD, is our Vice President of Research & Development. He served as a Research Scientist at Florida Institute of Technology Conducted research in Particle Physics within CMS Collaboration at the CERN Large Hadron Collider in Switzerland; Physics within Electron-Positron Collider at Petersburg Nuclear Physics Institute.

## Seth Bush

Marketing Director

Mr. Bush has over 20 years of Marketing Leadership and Experience to bring companies to the next level. In this position, he will manage the growth and development of the marketing department as the company continues to expand. As the director, he will utilize his years of experience as a marketing professional to grow brand awareness while educating consumers on the company's next-generation laser systems.



# INVESTMENT HIGHLIGHTS

**1. MASSIVE MARKET  
OPPORTUNITY**

**01**

**2. DISRUPTIVE PRODUCTS  
DRIVE GROWTH**

**02**

**3. DIFFERENTIATION DRIVES  
COMPETITIVE ADVANTAGE**

**03**

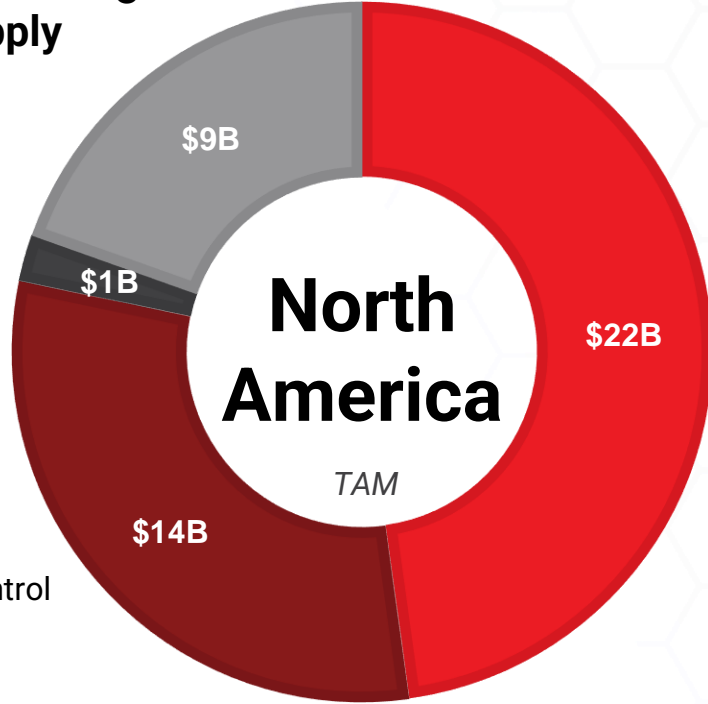


**Media Blasting  
Supply**

**MRO & Pentagon**  
Annual Corrosion Control

**Media Blasting  
Equipment**

**Oil & Gas**  
Annual Corrosion Control



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**\$46 Billion**

/ Annual Spend for Corrosion  
Control & Materials Applications





# Secular Growth Drivers

- » Environmental & sustainability concerns favor laser cleaning versus traditional methods using abrasives
  - » Gov't regulations & incentives for health/safety
  - » Unions protecting workers from inherent dangers of existing methods
  - » Sandblasting has toxic health effects e.g. Silicosis
- » Increasing demand for high-power (>500W) lasers
  - » Fastest growing segment of laser market

**Still in top of first inning**

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# Broad Industry Verticals





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# \$3 Billion

/ US Navy's Annual Rust Problem



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# Oil & Gas

/ Also has Massive Corrosion Problem

- » Assembled Component Maintenance Cleanups & Reconditioning
- » Asset Management - Parts Identification Engraving
- » Selective De-painting
- » Pre-Weld Metal Cleaning
- » Maintenance Interior & Exterior
- » Coating Prep - Post-Welding Cleaning



# **Disruptive Products Drive Growth**



# Acquisition of Control Micro Systems

## Expansion & Scaling Operations

- » CMS develops specialized laser systems critical for slow-release tablets and counterfeit proof pill manufacturing in the pharmaceutical industry
- » Other critical parts of the business: wire stripping and marking
- » CMS brings existing program orders of \$4 million to LPC
- » CMS counts several top 20 global life sciences companies as customers





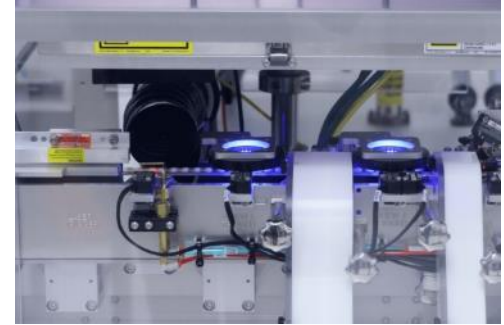
# CMS Systems



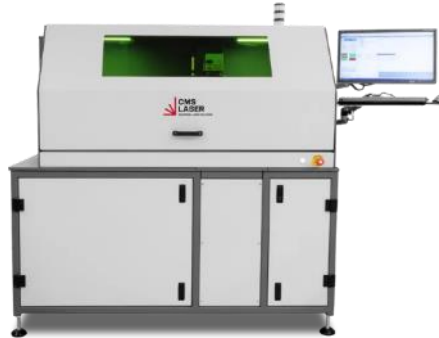
Laser Wire Stripping Systems



PCB Marking Systems



Pharmaceutical Laser Drilling Systems

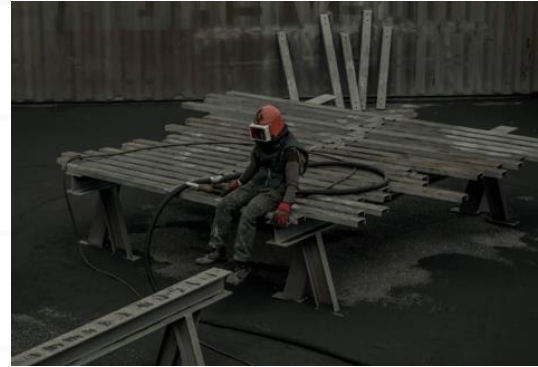




# Today, Abrasives Dominate

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- » Creates hazardous work environments
- » Huge push to replace existing model
- » Pressure from government & laborers







# The Future is CleanTech™ Laser Blasting

**CLEAN**<sup>X</sup>**TECH™**



Safer



Easy to Use



Eco-Friendly



# CleanTech™ is Changing the Game

***CleanTech™ is the most cost-effective, efficient and safe method of industrial cleaning, rust removal, paint removal and surface preparation.***



No Dangerous Chemicals



No Hazardous Fumes



No Complex Cleaning Procedures



# Address Many Applications

Industrial  
Cleaning

MRO

Contaminates  
Removal

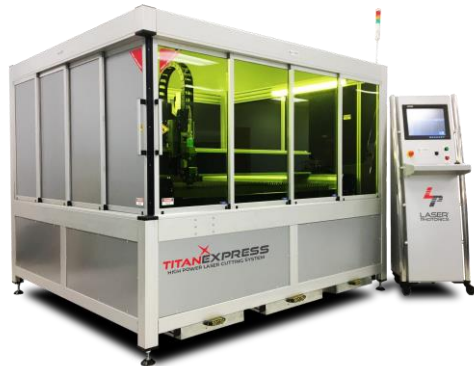
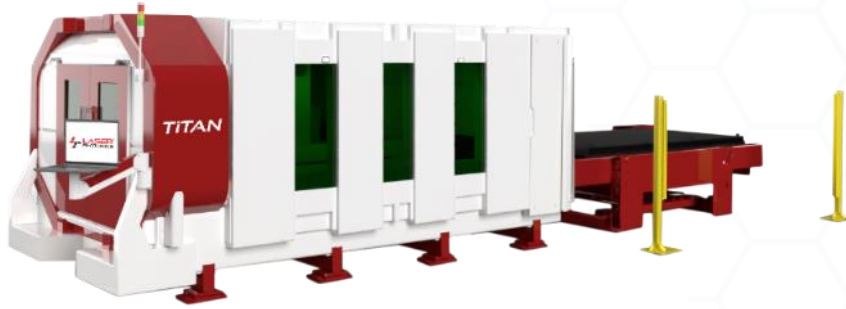
Paint  
Removal

Surface  
Preparation

Corrosion  
Control

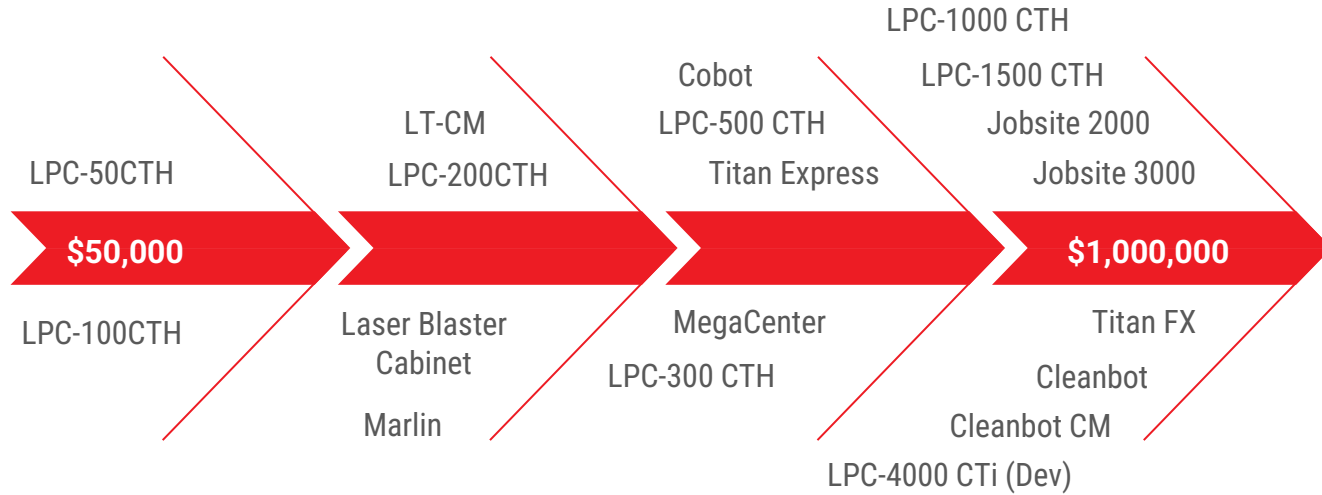


# World Class Products





# Products / Pricing



Digital Manufacturing



Experienced Personnel



State of the Art Scheduling



Proprietary Technology

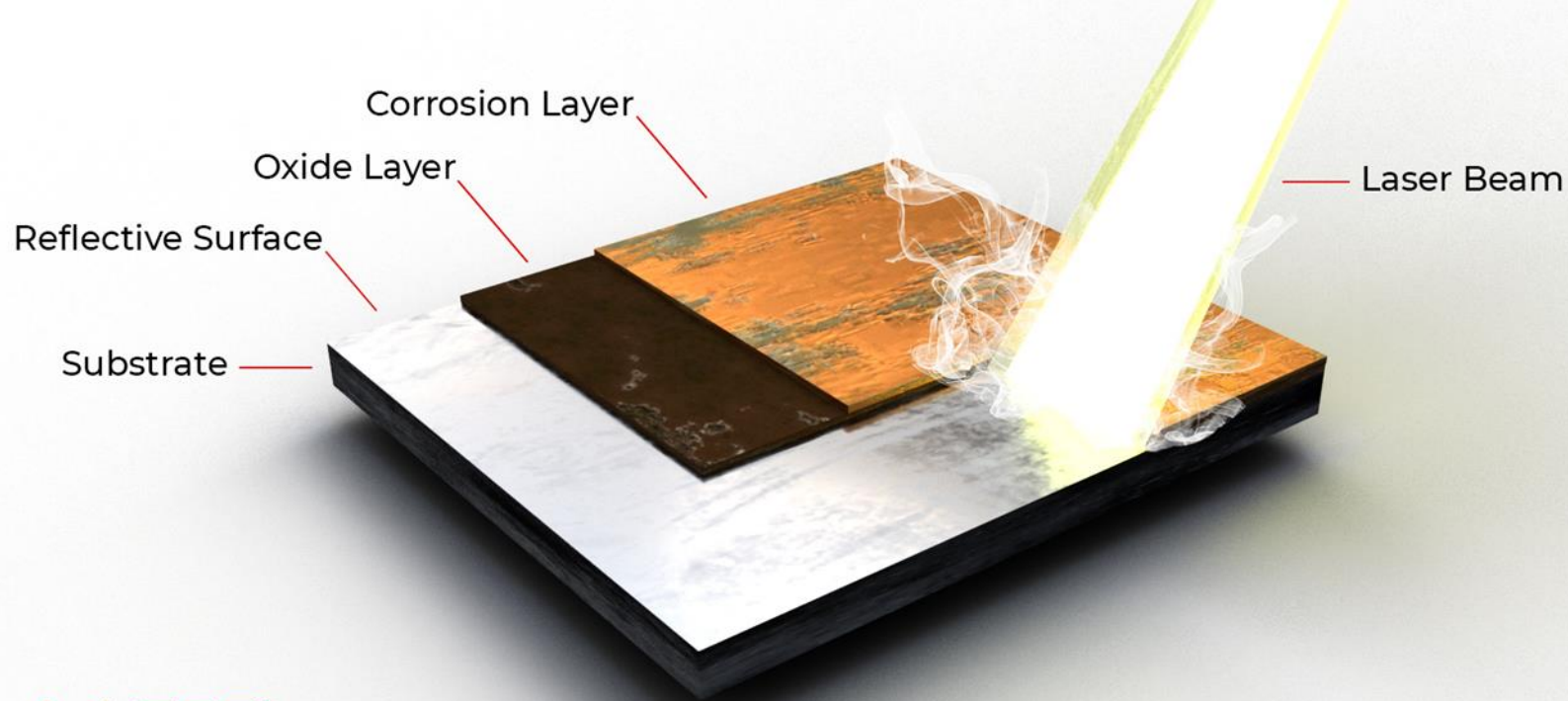


Robust Supply chain



# **Initial Focus on Marketing of CleanTech**

**WHAT IS LASER CLEANING?**



Fiber Laser Cleaning Technology is a proven, state-of-the-art solution for the 21st Century. It works by aiming brief pulses of high-power laser energy (in the  $\mu\text{s}$ - $\text{ms}$  range) at the surface to be cleaned. The energy applied to the top layer being removed does not dissipate. Instead, it blasts off the material being cleaned. Part or all of the material being removed is vaporized. The remainder may be suctioned and collected into a filtration system as particle dust.

Laser Blasting is a non-contact, environmentally friendly process that removes surface coatings from metals, concrete and delicate substrates such as composites – with minimal impact on the base material. Laser Blasting can replace sandblasting or dry ice blasting in virtually every industry and every application where blast cleaning is utilized. Surface samples include glass, ceramics, metals, concrete, plastics and much more.





# Wide Application Spectrum

We understand that your priority is to make improvements to businesses worldwide by supplying effective world-class equipment that ensures the safety and health of your customers. Our solutions allow companies to meet several of their needs with one product. This not only saves clients time and money but also improves efficiency for the end user.



*Corrosion Removal on Aluminum Mold*



*Laser Cleaning on Steel Housing*



*Rust Removal on Railroad Ties*



# THE BENEFITS OF LASER CLEANING



## 6-12 MONTHS

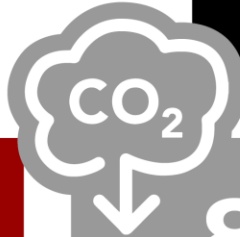
Research by McKinsey & Company indicates that companies investing in laser cleaning technology can achieve a **return on investment in as little as six to twelve months** due to cost savings and increased productivity.



Laser cleaning is an environmentally friendly process.



No hazardous fumes, dangerous chemicals, or complex cleaning procedures.



## 80%

Laser cleaning can reduce CO2 emissions by up to 80% compared to traditional cleaning methods.

Laser cleaning can result in **cost savings of up to 90%** compared to traditional cleaning methods due to reduced labor, material, and disposal costs.





**BEFORE**

Rust Removal On Steel Pipe

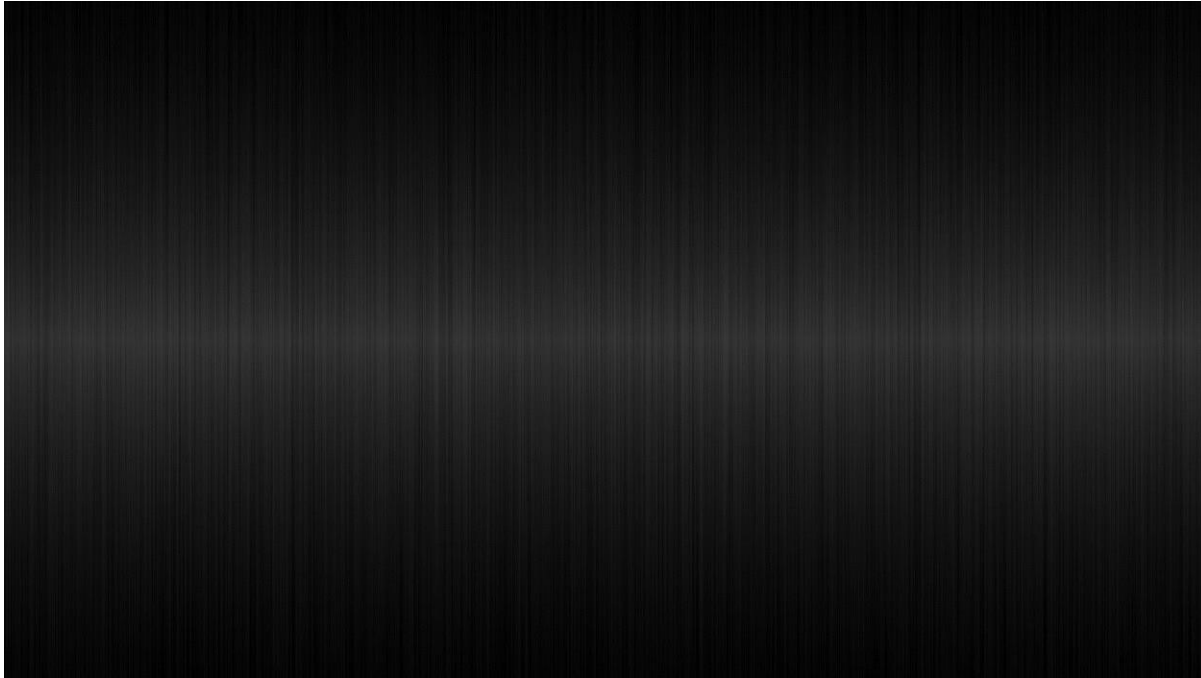


**AFTER**

Rust Removal On Steel Pipe



# How It Works





# Large Customer Base

We are a rapidly expanding company that is proudly listed on NASDAQ.

From small businesses to Fortune 500 companies, we work with a large and growing list of industry leaders who continue to adopt our advanced technology.

## Companies We've Worked With:

- General Electric
- NASA
- U.S. Air Force
- Coca-Cola
- Harley-Davidson
- Sony



**BOSCH**



**SONY**

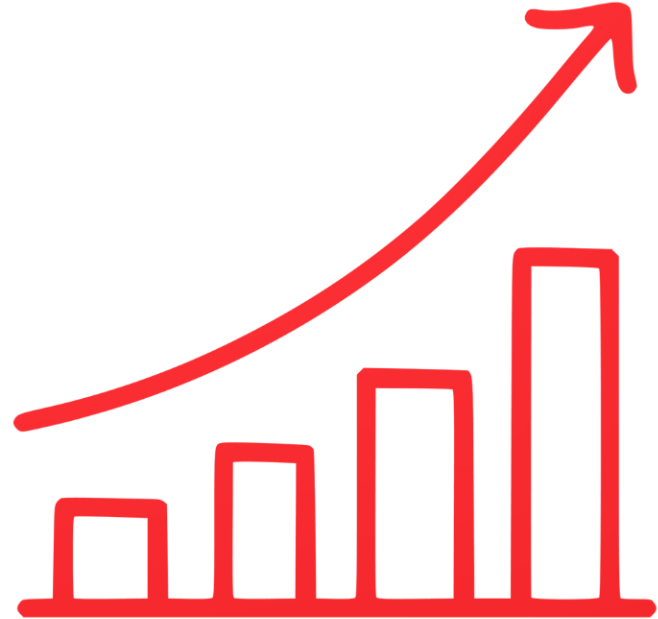


# Attractive ROI

Laser Photonics provides eco-friendly laser solutions that offer end users a significantly higher ROI than alternative methods.

This is due to various reasons, including that methods like sandblasting require expensive cleanup and disposal, unlike laser cleaning, which produces no hazardous waste.

In addition to these benefits, laser cleaning is faster and more efficient than alternative methods, resulting in cost savings and increased productivity.





# Social Impact

The social impact of Laser Photonics technology cannot be overstated.

- Laser cleaning eliminates the need for **harmful chemicals**
- Reduces the **amount of waste produced** promoting operator safety.

**This technology has the potential to save lives while moving industries toward sustainable and safe practices.**

Our laser technology benefits from all of this while aligning with many ESG platforms, making it an attractive investment opportunity for socially responsible investors.

» **No Hazardous Fumes**    » **No Complex Cleaning Procedures**    » **No Dangerous Chemicals**



# Questions?

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