

# INTELLIGENCE, SAFETY AND EFFICIENCY

IN PUBLIC TRANSPORT

---



# TABLE OF CONTENTS

---

INTRODUCTION Page 3-4

---

ABOUT US Page 5-6

---

FACTS AND FIGURES Page 7-8

---

OUR COMMITMENT TO TRANSPORTATION Page 9-10

---

ECOSYSTEM OVERVIEW Page 11-12

---

UNIFIED SOLUTION Page 13-14

---

OUR COMMITMENT TO LEADERSHIP Page 15-16

---

OUR COMMITMENT TO SERVICE Page 17-18

---

MANUFACTURING TESTING SERVICE AND CERTS Page 19-20

---

OUR LOCATIONS Page 21-22

---

# INTRODUCTION

"We provide solutions that, when installed today, can be expanded to adopt and take advantage of future technology"



## DEAR PUBLIC TRANSPORTATION INDUSTRY PROFESSIONALS

As a result of living in an always-connected environment, tech-savvy passengers have developed higher expectations of their transit experience. Thanks to the vision and technical advancements of transit professionals such as yourselves, our industry has adapted to these changes in passenger needs and expectations over the decades. By adopting and developing new technologies, our industry has significantly improved the public transit experience, providing better reliability and service for today's commuters. This has resulted in the adoption of the latest communications technologies and the ability to consistently offer safer, more efficient and more intelligent solutions for everyday problems. Our mission is to help transit agencies continue to meet evolving passenger demands by providing the most comprehensive solutions in the industry.

We recognized that this mission was greater in scope than we were capable of addressing when Luminator was formed. To fulfill this mission, we needed to grow through thoughtful acquisitions and strategic partnerships. We began our journey by identifying and integrating specialized organizations both highly successful at and experienced in delivering innovative transit technologies that enhance transit operations. Over time, Luminator has become an integrated group with key centers of excellence, encompassing products ranging from 4K on-board video security systems to E-paper stationary passenger information systems to advanced software

solutions designed to improve the efficiency of transit operators. Today, what began in 1928 as a small company providing custom light fixtures to rail customers has since grown into a global enterprise encompassing best-in-class brands that supply intelligence, safety and efficiency in transit applications. As a strategic organization, we have brought these diverse technologies together with the sole purpose of driving value to our customers. Our purposeful acquisitions strategy is allowing us to become a single trusted partner to our customers and provide a cohesive technology offering that delivers tangible benefits to OEMs, partners and transit operators

As the transit industry and technologies continue to evolve and adopt new advancements like artificial intelligence and 5G, we will continue to develop new ways to reduce friction between systems, improve long-term reliability, enhance cybersecurity and data protection, and expand our solutions offering so our customers can gain efficiencies through integrated systems. We provide solutions that, when installed today, can be expanded to adopt and take advantage of future technology. As we look forward to the next 90 years of technological innovation, we do so with the dual goals of maintaining a thoughtful and integrated product portfolio and providing the highest level of service in the industry.

**Kirk Goins**  
CEO

# ABOUT US

Luminator Technology Group delivers globally-recognized technology solutions that increase intelligence, safety, and efficiency for public transit operations.

Luminator was established and is purposefully architected to make a lasting impact on the transit technology market. Combining strategic research and development with smart acquisitions, we are merging a broad range of expertise and new technology along with best-in-class products from successful, well-known regional companies into one cohesive, global organization.

Luminator is uniquely positioned to provide solutions to connect transit passengers to vital information while supporting the operational objectives of efficient transit operations. Supporting transit bus and rail car manufacturers as well as public transit operators around the globe, Luminator is developing and delivering technology with tangible benefits to public transit.



Luminator Technology Group, Ulm Germany

# FACTS AND FIGURES

Over  
**50,000**  
 railcars are currently equipped  
 with Luminator solutions



**40+** Partners throughout  
 the EMEA region



Luminator has over  
**1,000**  
 employees



Engineering and development centers in  
**7**  
 countries



Serving customers in more than  
**85**  
 countries



Founded in  
**1928**



**WE PROVIDE  
 SOLUTIONS  
 FOR RAIL,  
 BUS AND  
 STATIONARY  
 SYSTEMS**

# OUR COMMITMENT TO TRANSPORTATION

Luminator Technology Group's commitment to the market through investments and growth reflect our promise and commitment to provide innovative solutions that meet the demands of the diverse global transportation industry. From our local sales and support teams, our consolidated manufacturing personnel, our highly-skilled engineering and development professionals, and all the way to ownership - we are "all-in" for our customers in bus, rail, and aerospace manufacturers and their end users.

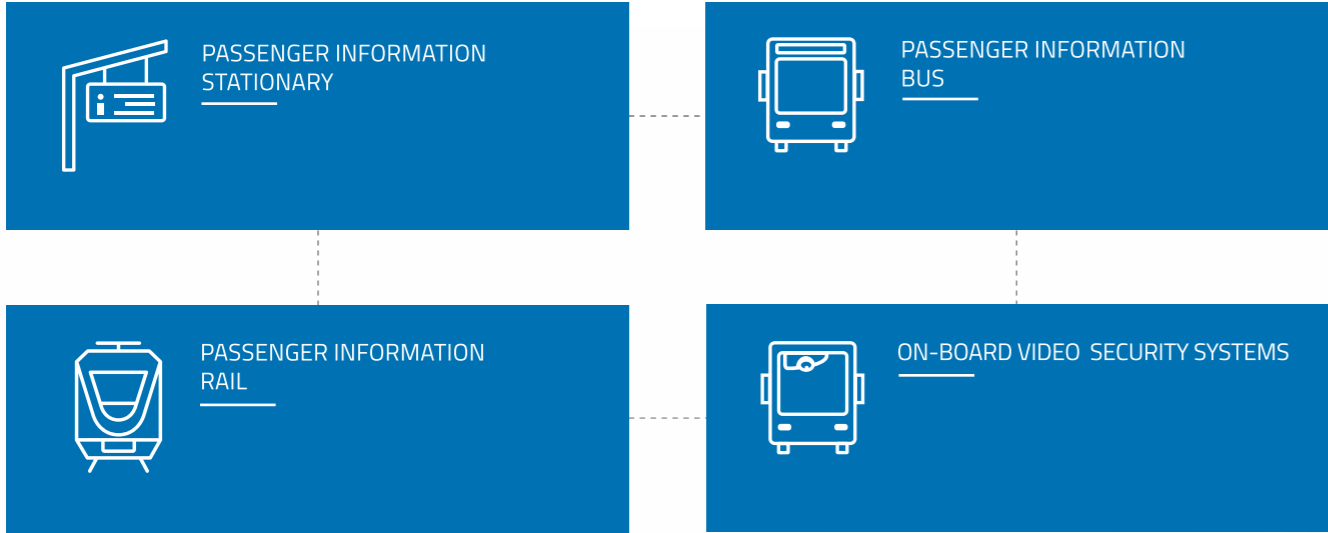


## SUPPORT FOR BUS AND RAILCAR BUILDERS

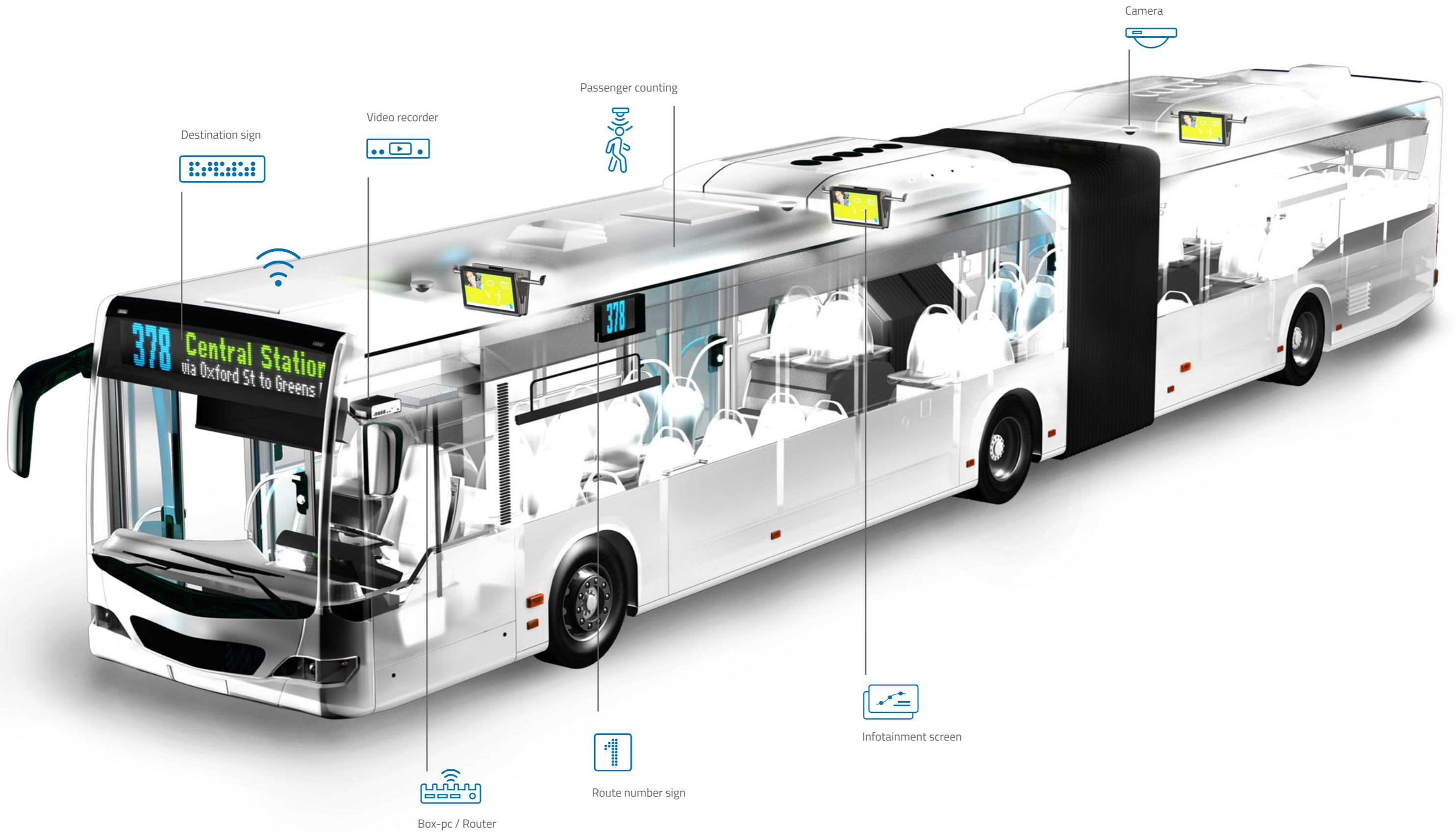
We partner with OEMs across the globe to deliver our solutions at the point of vehicle manufacturing. This collaboration provides end customers with seamless and compatible additions of new on-board technologies into existing fleets. By providing a complete range of technology solutions, along with support in the design, manufacturing and on-going service and support we partner with manufacturers - to grow their business, lower manufacturing costs and risks, and create new efficiencies in manufacturing and delivery to increase their own customer's satisfaction.



# ECOSYSTEM OVERVIEW



# UNIFIED BUS SOLUTION





# OUR COMMITMENT TO LEADERSHIP

THROUGH FUTURE TECHNOLOGY INVESTMENTS

---

Luminator Technology Group's development roadmap positions our customers to easily leverage advancing technology.

Luminator Technology Group aggregates best-in-class products across our collection of regional companies. We continue to invest in new innovations to further the intelligence, safety, and efficiency in the solutions we provide.



## WE ARE BUILDING AND INVESTING IN A TECHNOLOGY ROADMAP TO DELIVER

- more cost-effective integrated solutions
- managed, industry-standard architecture to increase ease of operations and drive down costs
- a comprehensive software suite to increase productivity and provide greater access to the data that you need



## OUR COMMITMENT TO SERVICE

Offering global resources through familiar, easy-to-access local providers.

Luminator Technology Group delivers a global portfolio through well-known and well-established regional organizations. We are a global company with a small-enterprise approach and commitment to customer care.

Luminator Technology Group serves customers in more than 85 countries, employs over 1,000 people, and partners with leading industry suppliers and support organizations to deliver the solutions you need, in ways that can efficiently benefit your core objectives.

# OUR COMMITMENT TO QUALITY

Manufacturing, testing,  
service and certs.

## CERTIFICATIONS

Our certification group ensures product compliance of a wide range of regulatory and industry standards as well as customer specific requirements. The Federal Aviation Administration, Federal Railroad Administration, and National Highway Traffic Safety Administration, European Road Administration and national regulations are the backbone of our products – with world-class product safety as the result.

## RELIABILITY

The Luminator Reliability Proces was developed in 2004 and provides world class product assessment, reliability test program development, testing and evaluation to the aerospace, defense, mass transit, heavy transportation and the electronics industries. Our customers span the globe and our process has been used successfully to introduce solutions into application environments which range from the harshest exposures on high performance aircraft to complex mobile electronic systems on buses and railcars.

## QUALITY

Luminator's facilities maintain a well-established and documented quality management system (QMS) in accordance with a variety of standards. Detailed descriptions of each process are addressed through individual, top-level quality procedures. For accreditation for a specific manufacturing facility, or product, please contact us.

## SUSTAINABILITY

Our solutions comply with environmental standards and so does our organization. We are fully aware of the importance of maintaining the planet's resources and apply sustainability into our projects. This is reflected in the development of energy-efficient and energy-autonomous solutions, reduction of fuel usage by the design of smaller, lighter on-board solutions and the use of more reliable materials in the manufacturing process.



# OUR LOCATIONS

## ENGINEERING

### Australia:

Mortdale, New South Wales

### Brasil:

São Caetano, Caxias do Sul – RS

### Canada:

La Pocatière, Québec  
Lévis, Québec

### Denmark:

Birkerød, Hovedstaden  
Sønderborg, Syddanmark

### Germany:

Neumünster, Schleswig-Holstein  
Rastatt, Baden-Württemberg  
Ulm, Baden-Württemberg

### Sweden:

Herrljunga, Västra Götland

### Switzerland:

Gossau, St. Gallen

### United States:

Bothell, Washington  
Plano, Texas

### UAE:

Abu Dhabi, Abu Dhabi

## MANUFACTURING

### Brasil:

São Caetano, Caxias do Sul – RS

### Poland:

Gdańsk, Pommern

### United States:

Plano, Texas  
Plattsburgh, New York

Global innovation,  
service and support  
where you are.

