



The future of connected cars.

PITCH DECK

AERLIN CONFIDENTIAL AND PROPRIETARY DATA

JUNE 2025





Aerlin brings SATCOM to consumer cars in the form of a built-in smart antenna.

Aerlin is a business born from the collaboration between a business professional and an expert in radio frequencies and metamaterials.

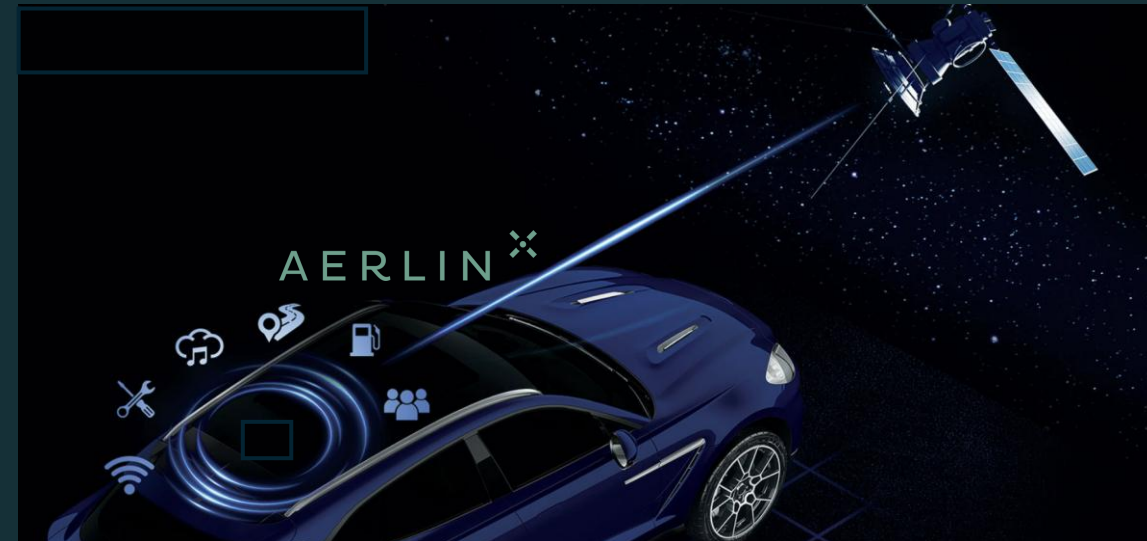
AERLIN'S SOLUTION

- Car connectivity is only relying on mobile network at the moment.

However : No signal = no data.

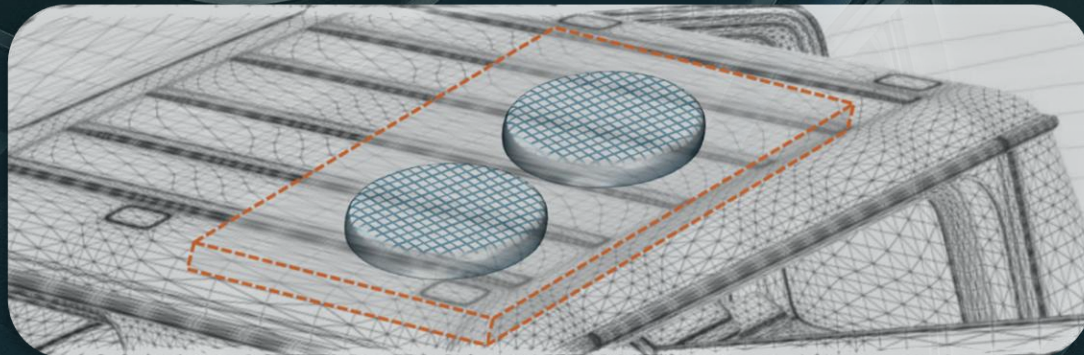
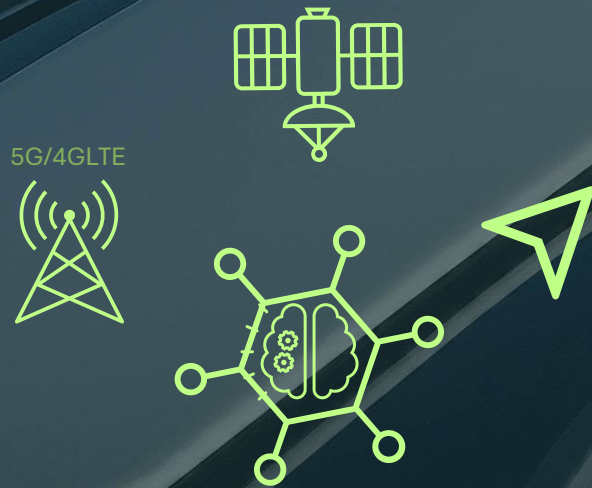


- Aerlin's solution is to ensure continuous data connectivity at all time using all available means.
➔ Satellite + 5G + 4G-LTE



PRODUCT PLAN

Aerlin's smart antenna is offering a solution that centralizes, hosts and manages the entire connectivity suite in one place.



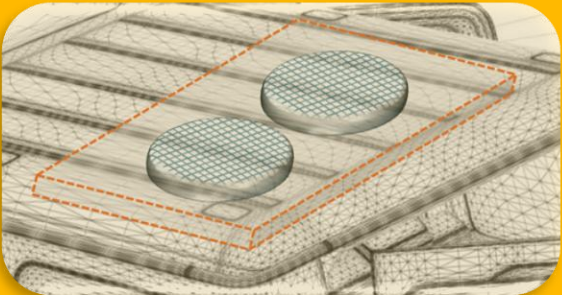
The smart antenna capabilities:

- NTN* capable
- TN** capable
- PNT*** capable
- Software stack:
 - AI driven orchestrator

* Non-Terrestrial Network
** Terrestrial Network
*** Pointing Navigating Timing

COMPETITION

AERLIN✕



 Greener wave.



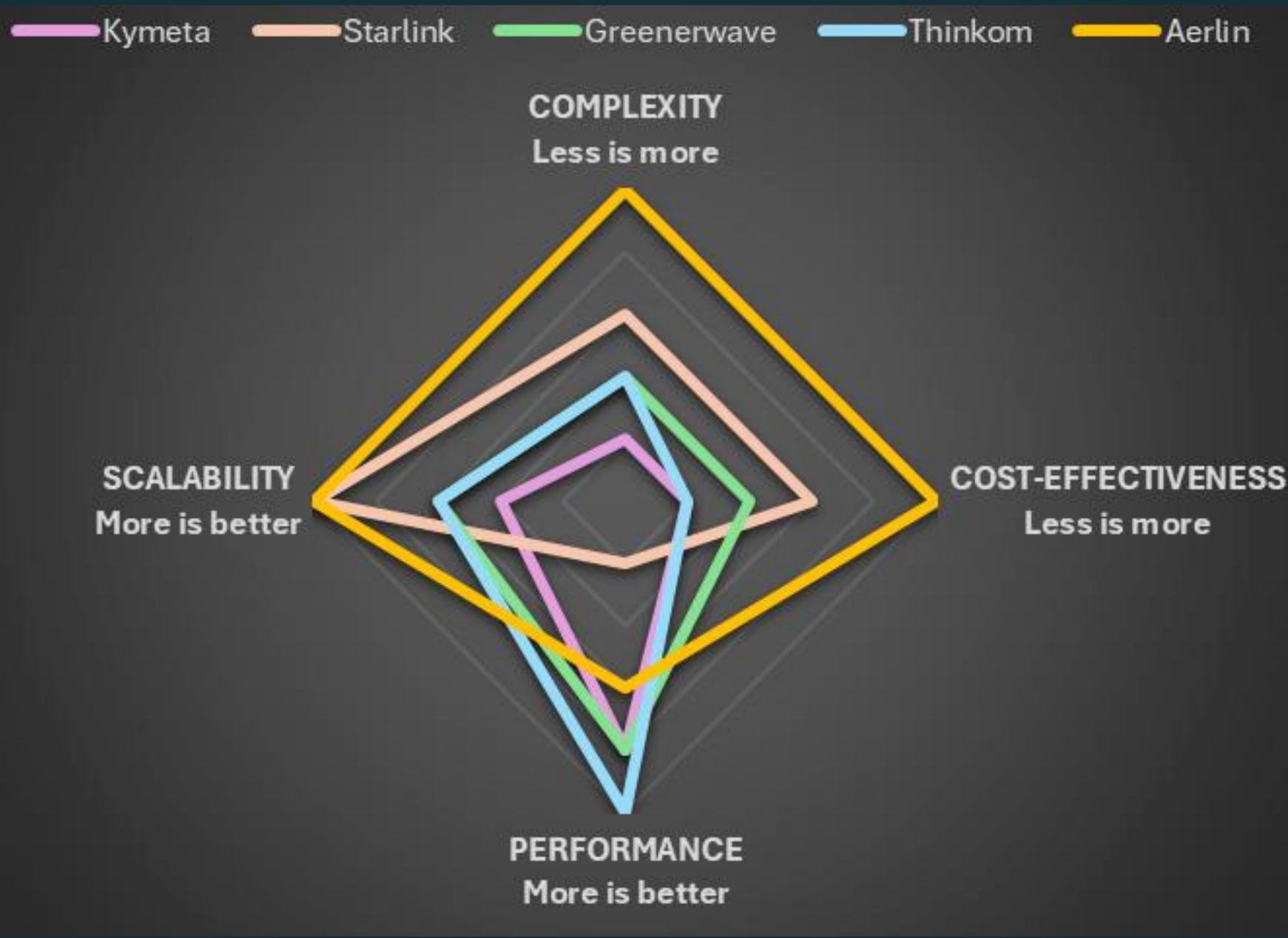
KYMETA



ThinKom

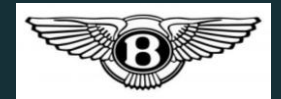
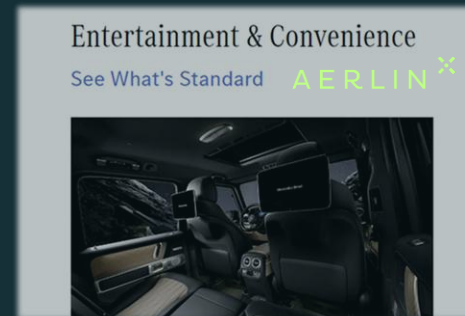
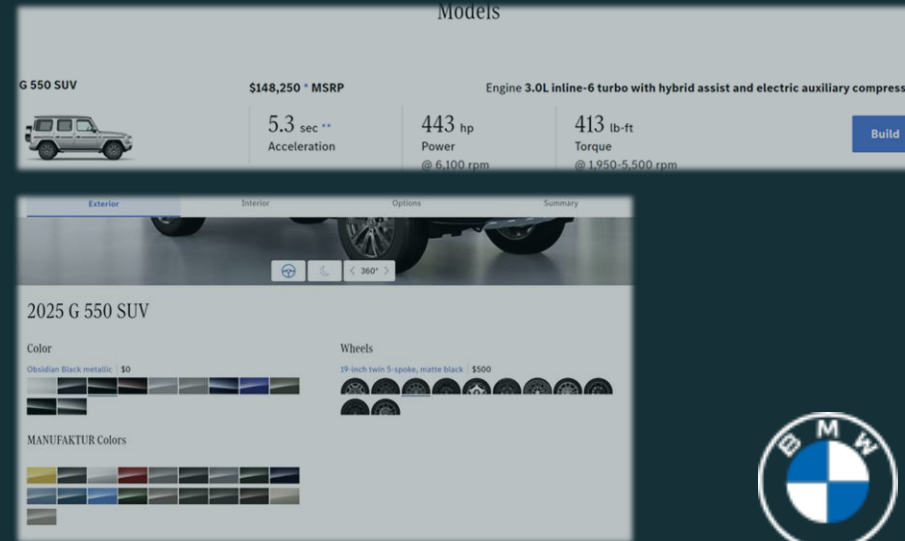


STARLINK



AERLIN INITIAL SALE MODEL

- **OEM solution**
- **Sold as an option:**
(OEM vehicle purchase)
 - **Connectivity**
 - **Entertainment**
 - **Safety**
- **Sold as part of subscription:**
(Subscription model)
 - **Hardware bundled up with more subscriptions and applications**
- **Aerlin's smart antenna customer initial target:**
 - **Automakers**
 - **High-value brands**
 - **SUV and large sedans**



AERLIN FOUNDING TEAM

Aerlin is a business born from the collaboration between a business professional and an expert in radio frequencies and metamaterials.



Nicolas Hine



- Finance leader in global manufacturing organizations in the automotive, aerospace and space industry.
- Successfully executed the scale up of OneWeb Satellites.
- Worked in the space industry for more than 7 years in startups.



Dr. Sungtek
Kahng



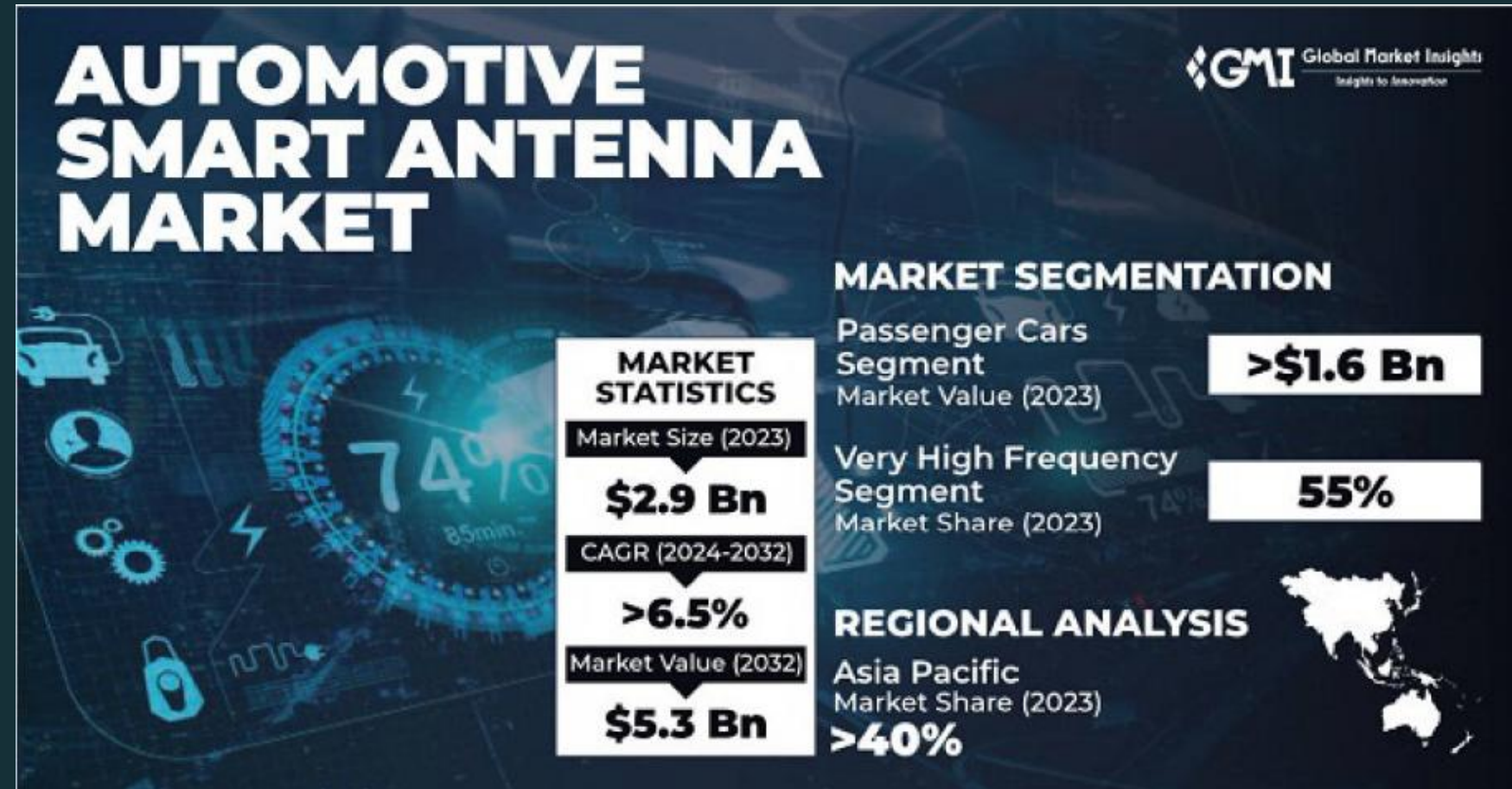
- Professor of Radio Science and Engineering at Incheon National University, known for his pioneering work in microwave components and antenna development.
- Collaborated with major companies in Korea and abroad.
- Dr. Kahng's expertise includes 5G technology, metamaterials, and satellite communications.

AUTOMOTIVE CONNECTIVITY ANTENNA TAM

- An automotive smart antenna TAM estimated to reach \$5.3 billion by 2032.
- The long-term goal is to be equipped :
 - On the new 90 millions new vehicles sold annually.
 - On billions of existing vehicles.

“Global vehicle sales in 2023 totaled 92.4 million units.”

Wards Intelligence



SALES ASSUMPTIONS

Conservative sales volume assumptions:

- Based on historical global sales data of few platforms.
- Estimating a 10% rate of installation.
- With a 10% linear growth rate.

Sales estimate:

- \$6,000 smart passive antenna unit price.
- 75% initial COGS with cost saving targets.

“Global vehicle sales in 2023 totaled 92.4 million units.” Wards Intelligence

Make	Model	Type	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Porsche	Cayenne	SUV	92,055	92,860	83,071	95,604	87,553	102,889						
Rolls Royce	All	All	5,100	3,756	5,586	6,021	6,032	5,712						
Mercedes	G-Wagen	SUV		35,000	41,174	35,000	43,000	35,000						
BMW	Series 7	Sedan		5,985	7,705	5,974	10,810	10,714						
Total (EA)				137,601	137,536	142,599	147,395	154,315	-	-	-	-	-	-
Aerlin option rate			10%	13,760	13,754	14,260	14,740	15,432	-	-	-	-	-	-
Estimated Annual Gro			10%					15,567	17,124	18,836	20,720	22,792	25,071	27,578

	2026	2027	2028	2029	2030
Unit sold	18,836	20,720	22,792	25,071	27,578
SALES	\$ 112,450,920.00	\$ 123,076,800.00	\$ 134,700,720.00	\$ 147,417,480.00	\$ 161,331,300.00
Savings pass-through	0.5%	0.5%	0.5%	0.5%	0.5%
Sales YoY		9%	9%	9%	9%
COGS	\$ (84,338,190.00)	\$ (92,307,600.00)	\$ (100,015,284.60)	\$ (108,351,847.80)	\$ (117,368,520.75)
COGS %	75.0%	75.0%	74.3%	73.5%	72.8%
Annual savings			1.0%	1.0%	1.0%
GROSS MARGIN	\$ 28,112,730.00	\$ 30,769,200.00	\$ 34,685,435.40	\$ 39,065,632.20	\$ 43,962,779.25
GM %	25%	25%	26%	27%	27%

* COGS: Cost of Good Sold

TRACTION

Technology:

- Defense industry **proven design** reengineered.
- Spin-off design simplified and improved for consumer cars.
- Securing (final stage) 22 patents related to TN and NTN technology.

Partnerships:

- Initiated and is progressing collaboration/partnerships conversations with Bosch, Thales Alenia Space, Deutsche Telecom, Transatel/NTT, Druid, Mercedes and GM.

Customers:

- In contact with Mercedes, GM, Porsche, Magna, Bosch.

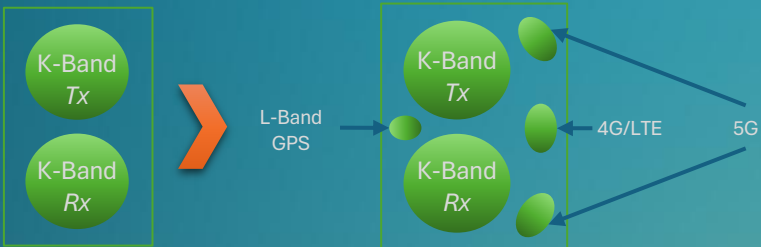
MILESTONES

Dec'24 – '25

Seed

MVP

☐ Simplified PoC to a full MVP

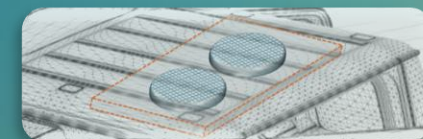


Dec'25 – '26

Series A

INDUSTRIALIZATION

- ☐ Production design
- ☐ Manufacturing process
- ☐ Supply chain development

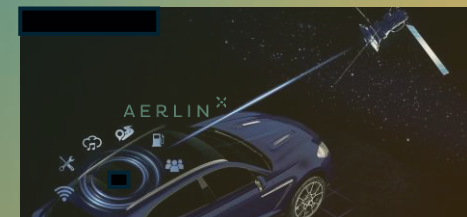


Dec'27 – '28

Series B

PRODUCTION

- ☐ Plant setup
- ☐ Production & delivery



Dec'28 – '29

IPO/Acquisition

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ASK & SUMMARY

Aerlin is raising \$1.5 million for its Seed round.

Our goal is to:

- **develop the smart antenna** PoC quickly followed by an MVP.
 - support the effort to transform the current traction into **strategic partnerships and/or customers toward LOI/MoU/MSA.**
-

- Aerlin brings a native **built-in solution** with **SATCOM** capabilities.
- **Built-in, cost-effective, and scalable solution** that enable ubiquitous connectivity.
- Business case, value proposition, timing, and go-to-market strategy have been vetted by automotive, telco and space major stakeholders.
- Global industry experience and technology expertise.
- Ideally positioned to grab **the first-mover** advantage and instrumental in disrupting the current statu-quo in the automotive and SATCOM industries.
- Solution applicable to other traditional verticals (defense, maritime, aero, energy).



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THANK YOU

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