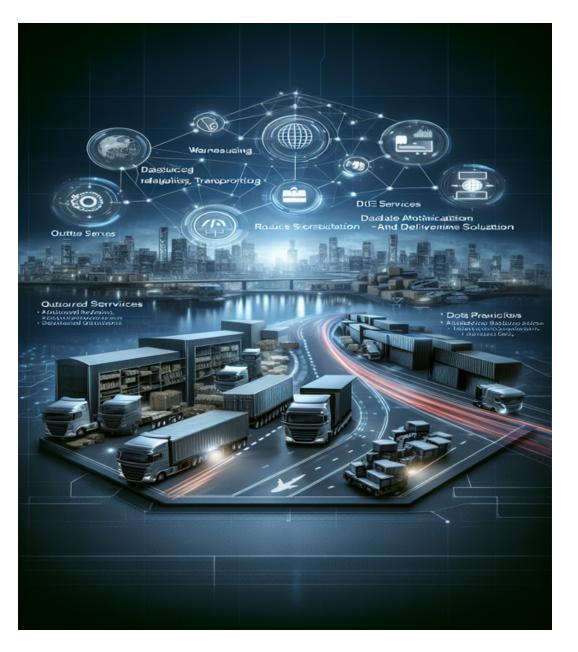


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**Executive Summary** 



# OUR VISION & MISSION

#### **Our Mission**

ByteLogistics exists to revolutionize the logistics and supply chain industry by providing SMEs with cutting-edge, data-driven solutions that optimize routes, reduce delivery times, and boost transparency. By harnessing the power of advanced analytics, IoT, and machine learning, we aim to make logistics a simple and painless process for businesses, regardless of their scale. Our relentless pursuit of customer satisfaction drives us to consistently redefine the standards of goods transportation, setting new benchmarks for efficiency and reliability across the United States.

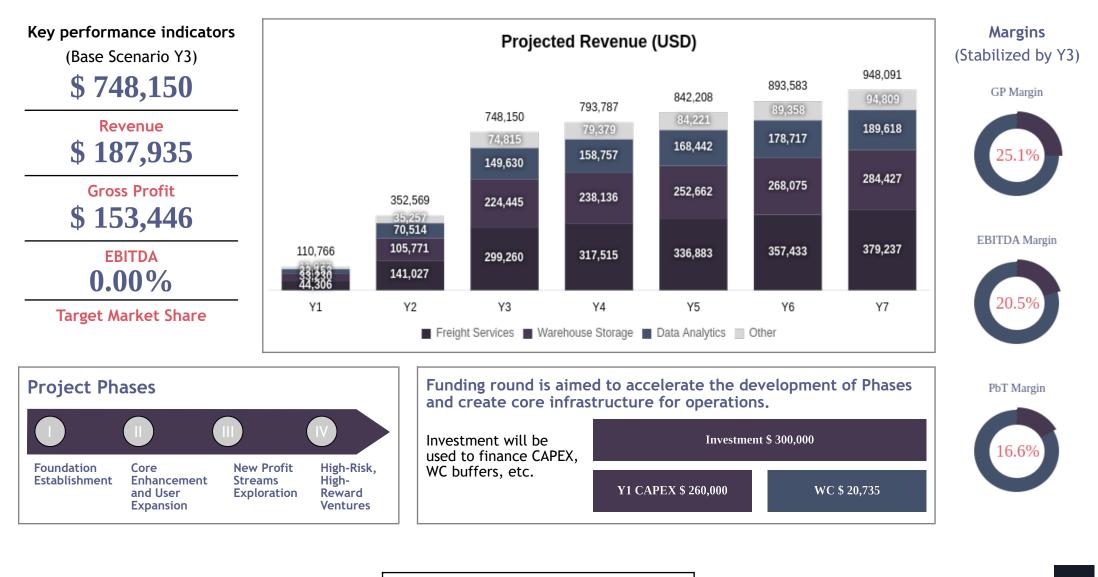
#### **Our Vision**

ByteLogistics envisions becoming the foremost authority in logistics innovation, leveraging advanced analytics, IoT, and machine learning to set new industry standards. We aspire to create a future where logistics is effortless, seamless, and highly efficient, making us the preferred choice for businesses of all scales. By continually redefining the boundaries of logistics and warehousing, ByteLogistics aims to lead the industry towards a smarter, more connected, and customer-centric future, elevating the standards of goods transportation nationwide.

# Summary Financials Dashboard

#### 1 2 3 4 5 6 7 8

**Executive Summary** 



Sources: Company's Prop Planning

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Executive Summary

### About the Company: General Overview

1 2 3 4 5 6 7 8 General Overview

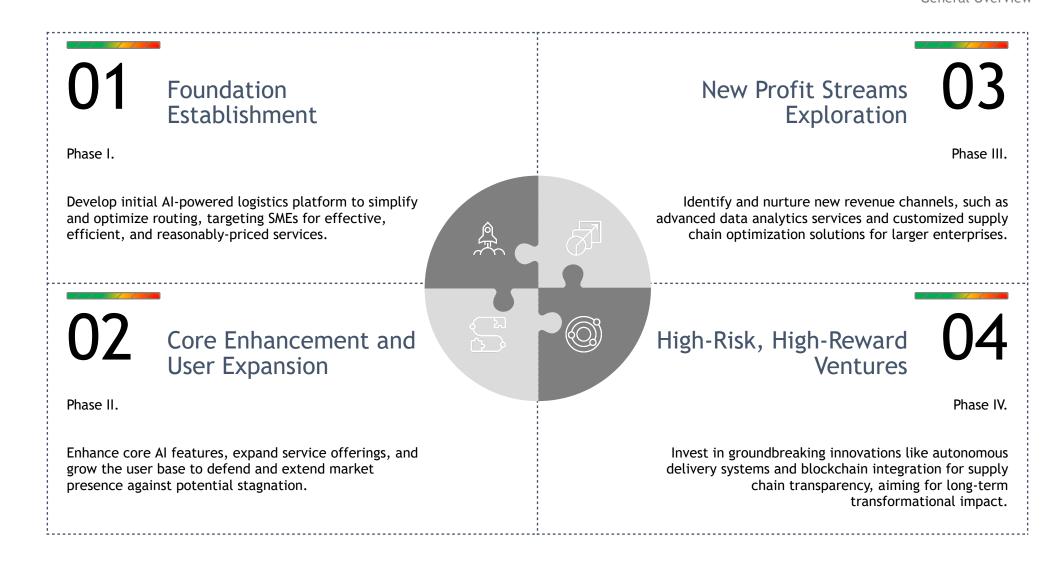


ByteLogistics is a leading innovator in the industrials sector, specializing in data processing and outsourced services industries. Based in Atlanta, Georgia, the company is at the forefront of implementing AI and data- driven solutions in the logistics and supply chain industry. ByteLogistics is particularly adept at serving SMEs with effective, efficient, and reasonably-priced logistic services. By harnessing the power of advanced analytics, IoT, and machine learning, the company is able to optimize routes, reduce delivery times, and boost transparency at every stage of the shipping process. A relentless pursuit of customer satisfaction motivates ByteLogistics to consistently redefine the standards of goods transportation across the United States. Their aim is to ensure logistics becomes a simple and painless process for businesses, regardless of their scale. ByteLogistics' innovative approach positions them as a game-changer in their sector, making them an appealing choice for businesses seeking cutting- edge logistics solutions.

Overview

## The Main Phases: Projects & Impacts

1 2 3 4 5 6 7 8 General Overview



Core Phases of the Project

# Product Impact on Core Stakeholders



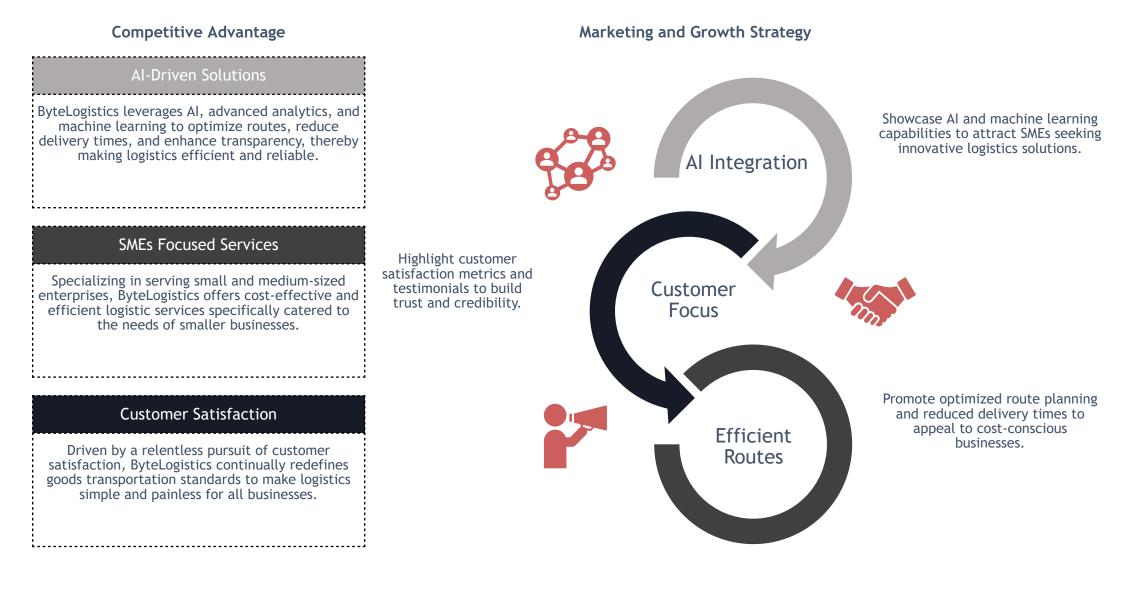
Company & Product

Main Stakeholder	Product Benefits		
SMEs (Small and Medium-sized Enterprises)	<ol> <li>Access to efficient and cost-effective logistics solutions that simplify their supply chain operations.</li> <li>Enhanced transparency and reliability in goods transportation, leading to increased customer satisfaction.</li> <li>Ability to leverage advanced analytics for better decision-making in logistics.</li> </ol>		
Large Enterprises1. Customized supply chain optimization solutions that can scale with their operational needs. 2. Advanced data analytics to identify inefficiencies and improve logistics performance. 3. Future-proofing their logistics through cutting-edge technologies like autonomous delivery systems and block			
Local Communities	<ol> <li>Reduced traffic congestion and pollution due to optimized routing and delivery times.</li> <li>Potential job creation in tech-enabled logistics roles.</li> <li>Enhanced local business growth through more efficient logistics services.</li> </ol>		
Investors	<ol> <li>Strong growth potential through innovative and scalable business models.</li> <li>Opportunities for high returns through investment in groundbreaking logistics technologies.</li> <li>Diversified revenue streams from new profit avenues like advanced data analytics services.</li> </ol>		
Technology Partners	<ol> <li>Collaborations on cutting-edge projects like AI-powered logistics and IoT integrations.</li> <li>Shared innovation leading to mutual growth and market expansion.</li> <li>Strengthened market presence through joint ventures and technological synergies.</li> </ol>		
Employees	<ol> <li>Opportunities for skill development in AI, machine learning, and advanced analytics.</li> <li>Engaging work environment driven by innovation and customer satisfaction.</li> <li>Potential for career growth in a rapidly expanding tech-driven logistics company.</li> </ol>		
Customers	<ol> <li>Faster and more reliable delivery services, enhancing overall customer experience.</li> <li>Increased transparency in the logistics process, leading to greater trust.</li> <li>Competitive pricing on logistics services driven by efficiency and optimization.</li> </ol>		

# **Key Performance Components**

## 1 2 3 4 5 6 7 8

Company & Product



# Target Groups

#### 1 2 3 4 5 6 7 8

Company & Product

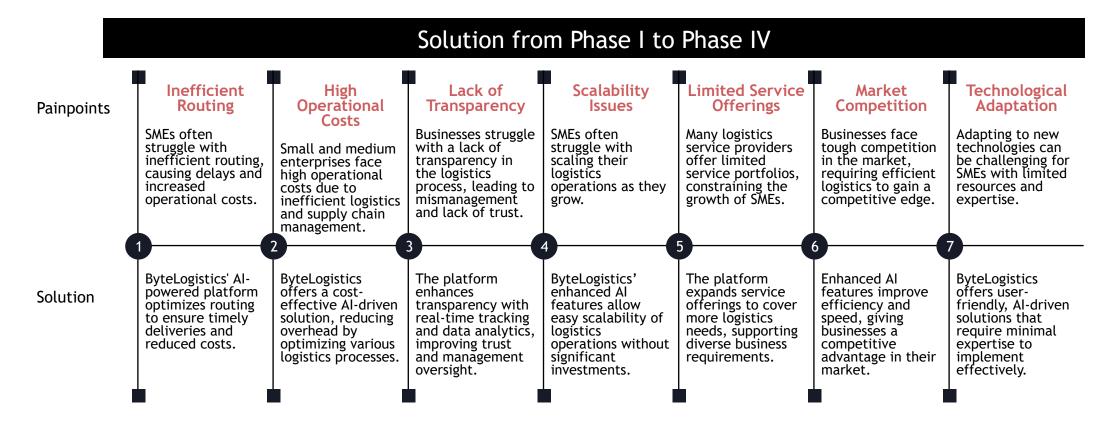
		Industries	Description
I		SMEs (Small and Medium Enterprises)	Small and medium-sized businesses seeking affordable, efficient, and optimized logistics solutions to streamline their operations.
Ш		E-commerce Companies	Online retailers needing reliable and efficient supply chain and delivery services to meet consumer demand and ensure timely deliveries.
Ш		Manufacturers	Manufacturing firms looking for optimized transportation and warehousing services to improve supply chain efficiency and reduce costs.
IV	25	Retail Chains	Retail businesses requiring seamless inventory management and timely distribution to maintain stock levels and meet consumer needs.
V		Third-Party Logistics (3PL) Providers	3PL companies in need of advanced logistics platforms to enhance their service offerings and operational efficiency.
VI	Ť	Food and Beverage Companies	Businesses in the food and beverage sector requiring fast and reliable logistics for perishable goods to ensure freshness and safety.
VII		Pharmaceutical Companies	Pharmaceutical firms needing highly controlled and transparent logistics solutions to manage the supply of sensitive medical products.

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## Painpoints & Solutions



Company & Product



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Core Features of Phase I - II

# Strategic Analysis: SWOT

#### 1 2 3 4 5 6 7 8

Company & Product



Leading innovator in Al and data-driven logistics solutions. Strong focus on customer satisfaction. Expertise in serving SMEs. Advanced analytics, IoT, and machine learning integration. Based in a strategic location, Atlanta, Georgia. Limited international presence. High dependency on technology may lead to vulnerabilities. Market competition from established logistics companies. Potential resource allocation strains due to rapid growth. Need for constant technological updates.

Expansion into international markets. Partnerships with tech firms for advanced solution development. Growing demand for AI and IoT in logistics. Increasing need for SME logistic solutions. Opportunity to set industry standards. Rapid technological changes. Cybersecurity risks. Competitive market pressure. Economic downturn impacts. Regulatory changes affecting logistics services.

# Moi Opportunities

Sources: Company's Prop Assessment

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SWOT Analysis

Weaknesses

i Gy

Threats

Sources: Company's Prop Planning	October 2024
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Environmental Technological **E-Commerce Growth:** Al Adoption: Sustainability:

9 / 10

Pestel:	Analysis
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Ρ

Political

**Regulations:** 

Compliance with changing transportation regulations is critical for smooth operations.	Economic growth rates influence demand for logistics services.	Rising e-commerce boosts demand for efficient logistics solutions.	Increasing AI integration enhances operational efficiency and customer satisfaction.	Emphasis on green logistics and reducing carbon footprint.	Strict data privacy regulations impact data processing practices.
Trade Policies:	Fuel Prices:	Workforce Skills:	IoT Implementation:	Climate Change:	Labor Laws:
Trade policies impact import/export activities and cost structures.	Volatile fuel prices affect operational costs significantly.	Skilled labor is necessary for handling advanced logistics technologies.	IoT helps in real-time tracking and monitoring of logistics processes.	Extreme weather events can disrupt supply chain operations.	Adherence to labor laws is essential for workforce management.

Impact of External Factors

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ByteLogistics' advanced technological integration and regulatory compliance allow it to thrive in the dynamic logistics sector. By leveraging these strengths, the company can navigate market challenges and capitalize on emerging opportunities effectively.

**9** 9-9

8 / 10

E

Economic

**Economic Growth:** 

S

Social

Scores reflect the relative importance and potential impact of each PESTEL factor on the business

1 2 3 4 5 6 7 8

Company & Product

Legal

Data Privacy Laws:

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E

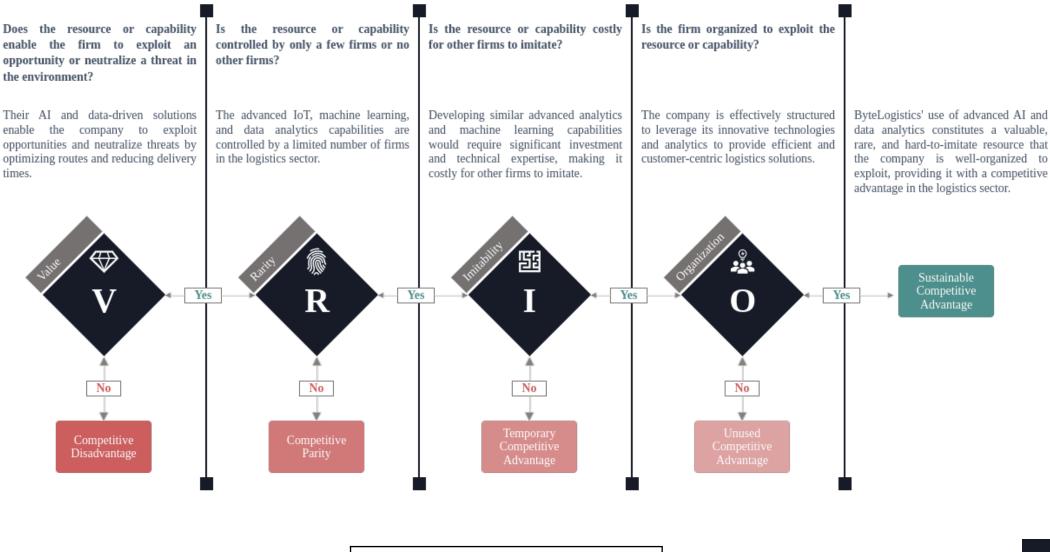
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# VRIO Framework: Analysis

#### 1 2 3 4 5 6 7 8

Company & Product



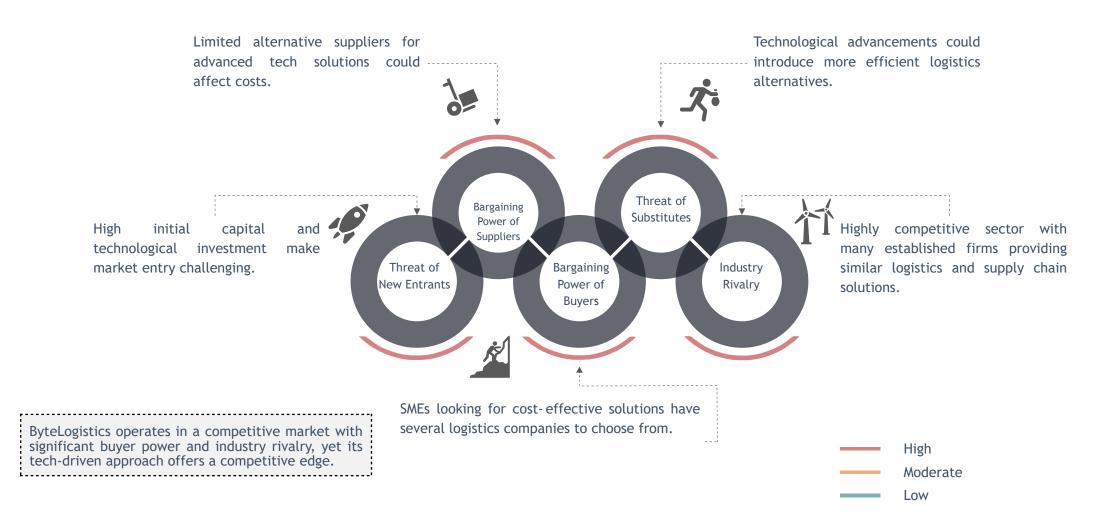
Sources: Company's Prop Planning

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Impact of External Factors

## Porter's Five Forces: Analysis

#### 1 2 3 4 5 6 7 8 Company & Product



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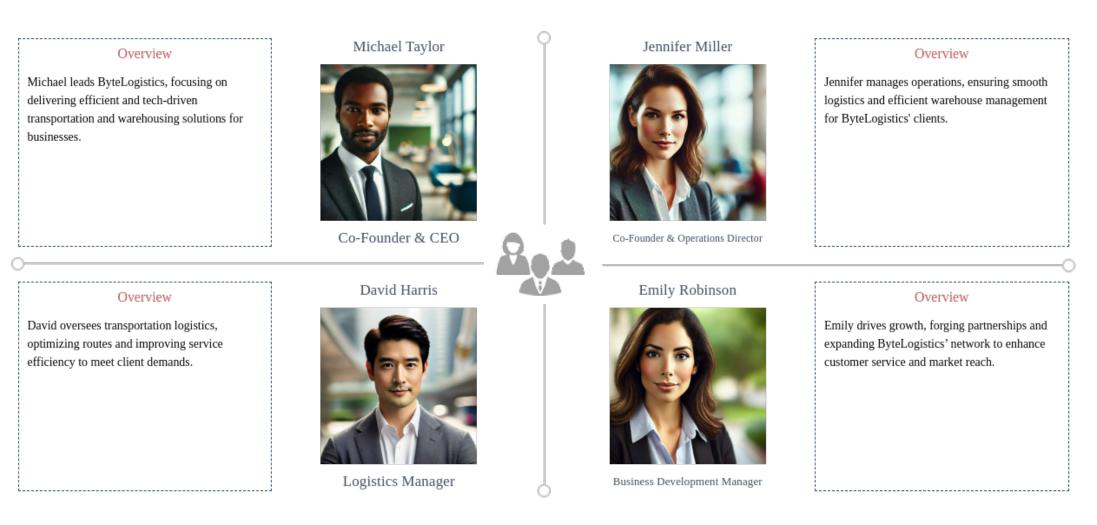
Impact of External Factors

в

## Management Team

#### 1 2 3 4 5 6 7 8

Company & Product



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Management Board

## History & Roadmap

#### 1 2 3 4 5 6 7 8

Check List & Risk

#### **Current Status.**

- Integrating AI by Feb 2024
- IoT network expansion by May 2024
- New customer portal by Aug 2024
- Midwest hub open by Jan 2025
- Enhanced SME services by Jun 2025
- Green initiatives by Dec 2025.



Sources: Company's Prop Vision

# Organizational and Marketing Tasks

#### 1 2 3 4 5 6 7 8

#	Check List Item	Status	Priority	Area	ETA	
Gene	General Planning and Organization					
1	Establish Legal Entity and Company Structure	Not Started	High	CEO	1 month	
2	Secure Initial Funding and Investment	Not Started	High	CFO	2 months	
3	Develop Comprehensive Business Plan	Not Started	High	C00	1 month	
4	Recruit and Onboard Key Team Members	Not Started	High	CPO	3 months	
5	Set Up Offices and Operational Facilities	Not Started	Medium	C00	2 months	
6	Implement Financial Management Systems	Not Started	Medium	CFO	1 month	
7	Create Risk Management and Compliance Plan	Not Started	High	CSO	2 months	
8	Establish IT Infrastructure and Security Measures	Not Started	High	CIO	2 months	
Mark	eting	_				
1	Develop Comprehensive Marketing Strategy	Not Started	High	СМО	2 weeks	
2	Define Brand Identity and Messaging	Not Started	High	СМО	3 weeks	
3	Establish Social Media Presence	Not Started	Medium	СМО	1 month	
4	Create SEO and SEM Strategy for Website	Not Started	High	CIO	1 month	
5	Develop Customer Referral Program	Not Started	Medium	CRO	2 months	
6	Launch Initial Advertising Campaign	Not Started	High	СМО	6 weeks	
7	Collaborate with Industry Influencers	Not Started	Medium	СВО	3 months	
8	Set Up Analytics to Track Marketing Performance	Not Started	High	CIO	1 month	

# **Overview of Phases**

#### 1 2 3 4 5 6 7 8

#	Check List Item	Status	Priority	Area	ETA
Phase	e 1 & Technical Set Up for next Phases				
1	Develop AI algorithm for route optimization	Not Started	High	СТО	3 months
2	Set up initial server infrastructure	Not Started	High	CIO	2 months
3	Hire core talent for AI and logistics	Not Started	High	CEO	1 month
4	Define initial service pricing models	Not Started	Medium	CFO	1 month
5	Acquire initial customers	Not Started	High	CRO	4 months
6	Set up legal and regulatory compliance	Not Started	High	C00	2 months
7	Develop a basic user interface and dashboard	Not Started	Medium	СРО	3 months
8	Conduct initial user testing and feedback	Not Started	Medium	CSO	3.5 months
Phase 2					
1	Enhance AI algorithm for better route optimization	Not Started	High	СТО	3 months
2	Expand service coverage to new geographic areas	Not Started	High	C00	4 months
3	Increase marketing efforts to attract more SMEs	Not Started	High	СМО	2 months
4	Develop partnership programs with complementary service providers	Not Started	Medium	СВО	5 months
5	Introduce premium features for enhanced user experience	Not Started	Medium	CPO	4 months
6	Implement dynamic pricing models based on demand forecasting	Not Started	High	CFO	3 months
7	Enhance customer support infrastructure	Not Started	Medium	C00	3 months
8	Expand analytics capabilities for improved performance tracking	Not Started	High	CIO	2 months

# **Overview of Phases**

#### 1 2 3 4 5 6 7 8

#	Check List Item	Status	Priority	Area	ETA
Phase	2 3				
1	Identify Key New Clients for Data Analytics Services	Not Started	High	CEO	3 months
2	Develop Customized Supply Chain Solutions	Not Started	High	CPO	4 months
3	Conduct Market Research on Large Enterprises	Not Started	Medium	CRO	2 months
4	Build Advanced Data Analytics Platform	Not Started	High	СТО	6 months
5	Create Tailored Marketing Campaigns for New Revenue Channels	Not Started	Medium	СМО	3 months
6	Hire Experts in Advanced Analytics	Not Started	High	C00	5 months
7	Develop Pricing Model for Customized Solutions	Not Started	Medium	CFO	2 months
8	Establish Partnerships with Key Industry Players	Not Started	High	CSO	4 months
Phase	2 4		-		_
1	Research Autonomous Delivery Systems	Not Started	High	СТО	3 months
2	Develop Blockchain Integration Plan	Not Started	High	CIO	2 months
3	Pilot Autonomous Delivery Vehicles	Not Started	High	СТО	6 months
4	Engage Regulatory Authorities for Compliance	Not Started	Medium	CSO	4 months
5	Form Strategic Partnerships for Innovations	Not Started	High	CEO	5 months
6	Develop Smart Contracts for Blockchain	Not Started	Medium	CIO	3 months
7	Conduct Market Analysis for Risk Assessment	Not Started	Medium	CFO	2 months
8	Launch Blockchain Transparency Features	Not Started	High	СРО	6 months

# Core Risks & Mitigation Strategies

#### 1 2 3 4 5 6 7 8

Check List & Risk

#### 1. Operation and maintenance risks

#	Risk Type	Area	Mitigation Strategy
1	System Downtime	СТО	Implement robust backup and recovery procedures.
2	Data Security Breaches	CISO	Regular security audits and advanced encryption protocols.
3	Supply Chain Disruptions	C00	Develop contingency plans and diversify suppliers.
4	Operational Inefficiencies	C00	Continuous process monitoring and workflow optimization.
5	High Maintenance Costs	CFO	Implement cost-effective maintenance schedules and predictive analytics.

#### 2. Regulatory and legal risks

#	Risk Type	Area	Mitigation Strategy
1	Data Privacy Violations	CIO	Ensure strict compliance with data privacy regulations like GDPR
2	AI Regulation Compliance	СТО	Regularly update AI systems to adhere to evolving regulations
3	Intellectual Property Infringement	CLO	Establish comprehensive IP protection and monitoring strategies
4	Antitrust Regulations	CEO	Engage in thorough antitrust compliance training and audits
5	Labor Laws Compliance	C00	Ensure all labor practices meet federal and state legal standards

# Core Risks & Mitigation Strategies

3. S	3. Strategic/Market Risk				
#	Risk Type	Area	Mitigation Strategy		
1	Market Competition	CEO	Continuously innovate and enhance product offerings to maintain competitiveness		
2	Customer Acquisition and Retention	СМО	Develop targeted marketing campaigns and maintain exceptional customer support		
3	Changing Market Demands	CPO	Regularly gather customer feedback and adjust services accordingly		
4	Technological Advancements	СТО	Invest in R&D and stay updated on the latest tech trends		
5	Global Economic Changes	CFO	Diversify investments and maintain a robust financial strategy		
4. F	inance risk				
#	Risk Type	Area	Mitigation Strategy		
1	Insufficient Funding	CFO	Secure diverse funding sources and maintain reserve capital		
2	Cash Flow Issues	CFO	Implement strict cash flow management and timely invoicing practices		
3	High Operating Costs	CO0	Optimize operations and negotiate cost-effective supplier contracts		
4	Revenue Volatility	CRO	Diversify revenue streams and establish long-term contracts		
5	Economic Downturns	CEO	Develop contingency plans and build financial resilience		
5. (	)ther general risk				
#	Risk Type	Area	Mitigation Strategy		
1	Technology obsolescence	СТО	Invest continuously in the latest technology and R&D		
2	Competitive pressure	CPO	Continuously innovate and diversify product offerings		
3	Data security breaches	CISO	Implement robust cybersecurity measures and regular audits		
4	Market demand fluctuations	CRO	Develop flexible business models to adapt to market dynamics		
5	Customer satisfaction decline	СМО	Maintain high engagement and address customer feedback promptly		

1 2 3 4 5 6 7 8

# Market Overview (TAM, SAM and SOM)

Users, Market & Inv.

1 2 3 4 5 6 7 8

Target Available Market (TAM)	Warehousing and support activities for transportation (consolidated) Subindustry	\$ 18,461,010,475 \$ 18,461,010
Service Available Market (SAM)	1.20%	Given its innovative approach and focus on AI-driven logistics, ByteLogistics is well-equipped to serve a portion of the market effectively. Considering the company's specialized services and resources, a realistic estimate of its SAM within the Polish warehousing and support activities for transportation sector
Service Obtainable Market Y1-Y3 (SOM)	Year 1 0.05000% Year 2 0.15000% Year 3 0.30000%	Despite an industry dominated by major players and considerable competition, ByteLogistics can capture a small but growing share of the Polish market in its initial three years. Given its innovative approach, competitive pricing, and advanced AI capabilities, the company is well-equipped to penetrate the market,

Target Groups

# Funding Allocation

The funding will be used to finance the CAPEX and cash deficit from Year 1 operations, aiming to expedite the development process. In subsequent years the company plans to sustain operations without requiring major additional capital injection. Table below presents the overview of expected inflows and outflows.

#### The total investment required is \$ 300,000

Y1 Cash Flow Streem(USD)	Inflows	Outlows
Gross Profit	27,824	
Payroll Expenses		2,215
Marketing and Branding		831
Rent & Utilities		554
Other Miscellaneous		454
Capex		260,000
Legal and Professional Fees		332
Representation and Entert.		332
Communication Expenses		166
Office supplies		111
Training and Development		111
CAPEX & WC shortage	Y1	237,282

	237,202
Buffer	62,718
Total Required Investment(USD)	300,000



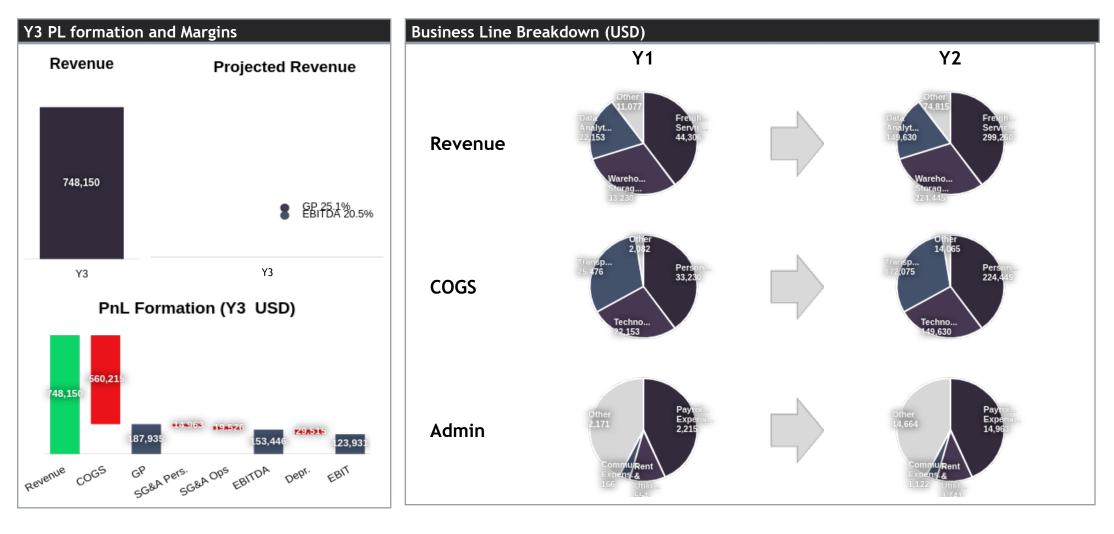
#### 1 2 3 4 5 6 7 8

Users, Market & Inv.

# Financials **Dashboard**

## 1 2 3 4 5 6 7 8

**Financial Projection** 



Sources: Company's Prop Planning

October 2024

Summery Financials

24

## **Revenue Formation Narrative**

ByteLogistics, based in Atlanta, Georgia, is a forefront innovator in the industrial sector specializing in the data processing and outsourced services industries. With a focus on AI and data-driven solutions for logistics and supply chain management, ByteLogistics targets SMEs by optimizing routes, reducing delivery times, and improving transparency using advanced analytics, IoT, and machine learning. ByteLogistics aims to redefine the standards of goods transportation across the United States, making logistics simple and efficient for businesses of various scales. ByteLogistics' approach uniquely positions the company as a game-changer within its sector. The company's Total Addressable Market (TAM) stands at 18,461,010,475.08 USD . Given its AI-driven logistics solutions, the Serviceable Addressable Market (SAM) is estimated to be 1.20% of the TAM. In Year 1, ByteLogistics projects capturing 0.05% of the market, generating a revenue of 110,766.063 USD. By Year 2, this value is expected to grow to 352,568.378 USD as the company gains traction, increasing the market share to 0.15%. In Year 3, market share is anticipated to expand further to 0.30%, translating into revenue of 748,150.098 USD . ByteLogistics' revenue streams are diversified across four main lines of business: Freight Services (40%), Warehouse Storage (30%), Data Analytics (20%), and Other services (10%). Despite the competitive landscape, ByteLogistics' innovative approach and commitment to customer satisfaction are projected to drive sustained growth and solidify its market presence over the first three years.

#### \$ 748,150 Projected Revenue 0.00% Market share Revenue (USD) COGS categories (USD) 748,150 560.215 14.065 74.815 172,075 149,630 352,569 224,445 264.004 149.630 6,628 35.257 81.091 70.514 105,771 70,514 110.766 82.941 224.445 299.260 33,230 25,476 141,027 105,771 33,230 44,306 Y1 Y2 Y3 Y1 Y2 Y3 Freight Services Warehouse Storage Data Analytics Personnel Technology Transport Other Other

1 2 3 4 5 6 7 8

**Financial Projection** 

# **Revenue Calculation Details**

#### 1 2 3 4 5 6 7 8

**Financial Projection** 

Revenue Formation	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
Freight Services	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%	40.00%
Warehouse Storage	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%
Data Analytics	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Other	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%	10.00%

Other	092 (	92 09	2 031	160	831	1,015	1,015	1,015	1,154	1,154	1,154	11,077	35,257	74,815
Other	692 6	92 69	2 831	831	024	1,015	1 015	1 015	4 4 5 4	4 45 4	4 45 4	44 077	25 257	74.045
Data Analytics 1	,385 1,3	85 1,38	5 1,661	1,661	1,661	2,031	2,031	2,031	2,308	2,308	2,308	22,153	70,514	149,630
Warehouse Storage 2	,077 2,0	77 2,07	7 2,492	2,492	2,492	3,046	3,046	3,046	3,461	3,461	3,461	33,230	105,771	224,445
Freight Services 2	,769 2,7	69 2,76	9 3,323	3,323	3,323	4,061	4,061	4,061	4,615	4,615	4,615	44,306	141,027	299,260

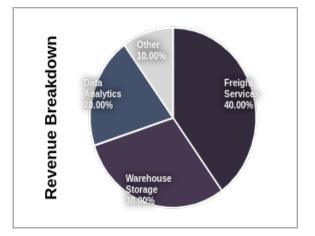
Total revenue is expected to reach \$ 748,150 by year 3.

Main revenue driver are:

• Freight Services which generates \$ 299,260 by Year 3

• Warehouse Storage which generates \$ 224,445 by Year 3

Expected CAGR for total Revenue in Y1-Y3 is 159.89 %



Revenue at Glance

# **COGS Calculation Details**

#### 1 2 3 4 5 6 7 8

**Financial Projection** 

COGS Formation	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
Personnel	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%	30.00%
Technology	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%	20.00%
Transport	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%	23.00%
Other	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%	1.88%

Insport         1,592           her         130	1,592 130	1,592 130	1,911 156	1,911 156	1,911 156	2,335 191	2,335 191	2,335 191	2,654 217	2,654 217	2,654 217	25,476 2,082	81,091 6,628	172,075 14,065
insport 1,592	1,592	1,592	1,911	1,911	1,911	2,335	2,335	2,335	2,654	2,654	2,654	25,476	81,091	172,075
chnology 1,385	1,385	1,385	1,661	1,661	1,661	2,031	2,031	2,031	2,308	2,308	2,308	22,153	70,514	149,630
rsonnel 2,077	2,077	2,077	2,492	2,492	2,492	3,046	3,046	3,046	3,461	3,461	3,461	33,230	105,771	224,445

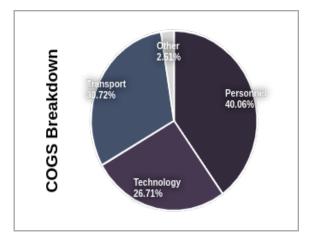
Total COGS is expected to reach \$ 560,215 by year 3.

Main revenue driver are:

• Personnel which generates \$ 224,445 by Year 3

• Transport which generates \$ 172,075 by Year 3

Expected CAGR for total COGS in Y1-Y3 is 159.89 %



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COGS at Glance

# SG&A Calculation Details

#### 1 2 3 4 5 6 7 8

Financial Projection

OPEX Formation	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
Payroll Expenses	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%	2.00%
Rent & Utilities	<b>0.50</b> %	0.50%													
Communication Expenses	<b>0.15</b> %	<b>0.15</b> %	<b>0.15</b> %	0.15%	0.15%	0.15%	0.15%	0.15%	<b>0.15</b> %	0.15%	0.15%	0.15%	<b>0.15</b> %	<b>0.15</b> %	0.15%
Office supplies	0.10%	<b>0.10</b> %	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%
Legal and Professional Fees	<b>0.30</b> %	0.30%	<b>0.30</b> %	0.30%	<b>0.30</b> %	<b>0.30</b> %	0.30%	0.30%	0.30%	0.30%					
Marketing and Branding	<b>0.75</b> %	0.75%													
Representation and Entertainment	<b>0.30</b> %	0.30%	<b>0.30</b> %	0.30%	<b>0.30</b> %	<b>0.30</b> %	0.30%	0.30%	0.30%	0.30%					
Training and Development	<b>0.10</b> %	<b>0.10</b> %	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	0.10%	<b>0.10</b> %	0.10%	0.10%	0.10%	0.10%
Other Miscellaneous	0.41%	0.41%	0.41%	0.41%	0.41%	0.41%	0.41%	0.41%	0.41%	0.41%	0.41%	0.41%	0.41%	0.41%	0.41%

Payroll Expenses	138	138	138	166	166	166	203	203	203	231	231	231	2,215	7,051	14,963
Rent & Utilities	35	35	35	42	42	42	51	51	51	58	58	58	554	1,763	3,741
Communication Expenses	10	10	10	12	12	12	15	15	15	17	17	17	166	529	1,122
Office supplies	7	7	7	8	8	8	10	10	10	12	12	12	111	353	748
Legal and Professional Fees	21	21	21	25	25	25	30	30	30	35	35	35	332	1,058	2,244
Marketing and Branding	52	52	52	62	62	62	76	76	76	87	87	87	831	2,644	5,611
Representation and Entertainment	21	21	21	25	25	25	30	30	30	35	35	35	332	1,058	2,244
Training and Development	7	7	7	8	8	8	10	10	10	12	12	12	111	353	748
Other Miscellaneous	28	28	28	34	34	34	42	42	42	47	47	47	454	1,446	3,067
Total SG&A (USD)	319	319	319	383	383	383	468	468	468	532	532	532	5,106	16,253	34,490

# **PaT Expectations**

#### 1 2 3 4 5 6 7 8

Financial Projection

Income Statement (USD)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
Revenue	6,923	6,923	6,923	8,307	8,307	8,307	10,154	10,154	10,154	11,538	11,538	11,538	110,766	352,568	748,150
Freight Services	2,769	2,769	2,769	3,323	3,323	3,323	4,061	4,061	4,061	4,615	4,615	4,615	44,306	141,027	299,260
Warehouse Storage	2,077	2,077	2,077	2,492	2,492	2,492	3,046	3,046	3,046	3,461	3,461	3,461	33,230	105,771	224,445
Data Analytics	1,385	1,385	1,385	1,661	1,661	1,661	2,031	2,031	2,031	2,308	2,308	2,308	22,153	70,514	149,630
Other	692	692	692	831	831	831	1,015	1,015	1,015	1,154	1,154	1,154	11,077	35,257	74,815
COGS	-5,184	-5,184	-5,184	-6,221	-6,221	-6,221	-7,603	-7,603	-7,603	-8,640	-8,640	-8,640	-82,942	-264,003	-560,215
Personnel	-2,077	-2,077	-2,077	-2,492	-2,492	-2,492	-3,046	-3,046	-3,046	-3,461	-3,461	-3,461	-33,230	-105,771	-224,445
Technology	-1,385	-1,385	-1,385	-1,661	-1,661	-1,661	-2,031	-2,031	-2,031	-2,308	-2,308	-2,308	-22,153	-70,514	-149,630
Transport	-1,592	-1,592	-1,592	-1,911	-1,911	-1,911	-2,335	-2,335	-2,335	-2,654	-2,654	-2,654	-25,476	-81,091	-172,075
Other	-130	-130	-130	-156	-156	-156	-191	-191	-191	-217	-217	-217	-2,082	-6,628	-14,065
Gross Profit	1,739	1,739	1,739	2,087	2,087	2,087	2,551	2,551	2,551	2,898	2,898	2,898	27,824	88,565	187,935
SG&A Personal Expenses	-138	-138	-138	-166	-166	-166	-203	-203	-203	-231	-231	-231	-2,215	-7,051	-14,963
SG&A Operating Expenses	-181	-181	-181	-217	-217	-217	-265	-265	-265	-301	-301	-301	-2,891	-9,202	-19,527
EBITDA	1,420	1,420	1,420	1,704	1,704	1,704	2,082	2,082	2,082	2,366	2,366	2,366	22,718	72,312	153,446
Depreciation	-2,460	-2,460	-2,460	-2,460	-2,460	-2,460	-2,460	-2,460	-2,460	-2,460	-2,460	-2,460	-29,514	-29,514	-29,514
EBIT	-1,040	-1,040	-1,040	-756	-756	-756	-377	-377	-377	-93	-93	-93	-6,796	42,797	123,931
Interest Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Profit before Tax	-1,040	-1,040	-1,040	-756	-756	-756	-377	-377	-377	-93	-93	-93	-6,796	42,797	123,931
Tax	198	198	198	144	144	144	72	72	72	18	18	18	1,291	-8,132	-23,547
Profit after Tax (USD)	-842	-842	-842	-612	-612	-612	-305	-305	-305	-75	-75	-75	-5,505	34,666	100,384

## Balance Sheet Statement

#### 1 2 3 4 5 6 7 8

Financial Projection

Balance Sheet (USD)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
Cash & Cash Equivalents	29,313	30,733	31,098	31,435	33,139	33,437	33,697	35,780	36,807	37,807	40,174	34,543	34,543	63,160	144,056
Accounts Receivable	6,923	6,923	6,923	8,307	8,307	8,307	10,154	10,154	10,154	11,538	11,538	11,538	11,538	36,726	77,932
Inventory	5,184	5,184	6,221	6,221	6,221	7,603	7,603	7,603	8,640	8,640	8,640	16,500	16,500	35,013	58,356
Prepaid Expenses	90	90	108	108	108	133	133	133	151	151	151	288	288	610	1,017
Deferred Tax Assets	198	395	593	736	880	1,023	1,095	1,167	1,238	1,256	1,274	1,291	1,291	-	-
Current Assets	41,708	43,325	44,943	46,808	48,656	50,503	52,681	54,835	56,989	59,392	61,776	64,160	64,160	135,509	281,361
Warehouse facility	69,767	69,533	69,300	69,067	68,833	68,600	68,367	68,133	67,900	67,667	67,433	67,200	67,200	64,400	61,600
Advanced logistics software	59,000	58,000	57,000	56,000	55,000	54,000	53,000	52,000	51,000	50,000	49,000	48,000	48,000	36,000	24,000
Transportation vehicles	89,250	88,500	87,750	87,000	86,250	85,500	84,750	84,000	83,250	82,500	81,750	81,000	81,000	72,000	63,000
loT infrastructure	39,524	39,048	38,571	38,095	37,619	37,143	36,667	36,190	35,714	35,238	34,762	34,286	34,286	28,571	22,857
Non-Current Assets	257,540	255,081	252,621	250,162	247,702	245,243	242,783	240,324	237,864	235,405	232,945	230,486	230,486	200,971	171,457
Total Assets	299,248	298,406	297,564	296,970	296,358	295,746	295,465	295,159	294,854	294,796	294,721	294,646	294,646	336,481	452,818
Accounts Payable	90	90	90	108	108	108	133	133	133	151	151	151	151	479	1,017
Short-Term Loans	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Accrued Interest Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Deferred Tax Liabilities	-	-	-	-	-	-	-	-	-	-	-	-	-	6,840	22,256
Current Liabilities	90	90	90	108	108	108	133	133	133	151	151	151	151	7,320	23,273
Loans and other borrowings	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Non-Current Liabilities	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Liabilities	90	90	90	108	108	108	133	133	133	151	151	151	151	7,320	23,273
Paid-In Capital	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000	300,000
Retained Earnings	-	-	-	-	-	-	-	-	-	-	-	-	-	-5,505	29,161
Current Period Earnings	-842	-1,684	-2,526	-3,138	-3,751	-4,363	-4,668	-4,973	-5,279	-5,354	-5,430	-5,505	-5,505	34,666	100,384
Total Equity	299,158	298,316	297,474	296,862	296,249	295,637	295,332	295,027	294,721	294,646	294,570	294,495	294,495	329,161	429,545

Balance Sheet

# Cash Flow Statement - Direct

#### 1 2 3 4 5 6 7 8

Financial Projection

Cash Flow Statement - Direct (USD)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
Initial Balance	34,726	29,313	30,733	31,098	31,435	33,139	33,437	33,697	35,780	36,807	37,807	40,174	-	34,543	63,160
Cash from sales of goods/services	-	6,923	6,923	6,923	8,307	8,307	8,307	10,154	10,154	10,154	11,538	11,538	99,228	327,381	706,944
Payments to employees/vendors	-5,413	-5,503	-6,540	-6,586	-6,604	-7,986	-8,047	-8,071	-9,108	-9,154	-9,172	-17,032	-104,398	-298,441	-617,509
Advances paid/received	-	-	-18	-	-	-24	-	-	-18	-	-	-137	-288	-323	-407
Taxes paid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-8,132
Interest paid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CF from Operating Activities	-5,413	1,420	365	337	1,704	297	260	2,082	1,028	1,000	2,366	-5,631	-5,457	28,617	80,896
Acquisition of															
Warehouse facility	-	-	-	-	-	-	-	-	-	-	-	-	-70,000	-	-
Advanced logistics software	-	-	-	-	-	-	-	-	-	-	-	-	-60,000	-	-
Transportation vehicles	-	-	-	-	-	-	-	-	-	-	-	-	-90,000	-	-
IoT infrastructure	-	-	-	-	-	-	-	-	-	-	-	-	-40,000	-	-
CF from Investing Activities	-	-	-	-	-	-	-	-	-	-	-	-	-260,000	-	-
Loans received / paid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Investments received / paid	-	-	-	-	-	-	-	-	-	-	-	-	300,000	-	-
CF from Financing activities	-	-	-	-	-	-	-	-	-	-	-	-	300,000	-	-
Ending Balance	29,313	30,733	31,098	31,435	33,139	33,437	33,697	35,780	36,807	37,807	40,174	34,543	34,543	63,160	144,056

Assumptions:

- invoices are paid in 30 days;

- inventory is built for the next month;

- salaries are paid in the same month;

- half of admin expenses except salaries is prepaid;

- half of admin expenses except salaries is paid in 30 days;

- interest expenses are paid in the next month.

# Cash Flow Statement - Indirect

#### 1 2 3 4 5 6 7 8

**Financial Projection** 

Cash Flow Statement - Indirect (USD)	M1	M2	M3	M4	M5	M6	M7	M8	M9	M10	M11	M12	Y1	Y2	Y3
Initial Balance	34,726	29,313	30,733	31,098	31,435	33,139	33,437	33,697	35,780	36,807	37,807	40,174	-	34,543	63,160
EBIT	-1,040	-1,040	-1,040	-756	-756	-756	-377	-377	-377	-93	-93	-93	-6,796	42,797	123,931
∆ Receivables & Prepaids	-6,923	-	-18	-1,385	-	-24	-1,846	-	-18	-1,385	-	-137	-11,826	-25,510	-41,613
∆ Payables	90	-	-	18	-	-	24	-	-	18	-	-	151	329	538
Δ Inventory	-	-	-1,037	-	-	-1,382	-	-	-1,037	-	-	-7,860	-16,500	-18,513	-23,342
∆ Depreciation	2,460	2,460	2,460	2,460	2,460	2,460	2,460	2,460	2,460	2,460	2,460	2,460	29,514	29,514	29,514
Tax Paid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-8,132
Interest Expenses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
CF from Operating Activities	-5,413	1,420	365	337	1,704	297	260	2,082	1,028	1,000	2,366	-5,631	-5,457	28,617	80,896
Acquisition of															
Warehouse facility	-	-	-	-	-	-	-	-	-	-	-	-	-70,000	-	-
Advanced logistics software	-	-	-	-	-	-	-	-	-	-	-	-	-60,000	-	-
Transportation vehicles	-	-	-	-	-	-	-	-	-	-	-	-	-90,000	-	-
IoT infrastructure	-	-	-	-	-	-	-	-	-	-	-	-	-40,000	-	-
CF from Investing Activities	-	-	-	-	-	-	-	-	-	-	-	-	-260,000	-	-
Loans received / paid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Investments received / paid	-	-	-	-	-	-	-	-	-	-	-	-	300,000	-	-
CF from Financing activities	-	-	-	-	-	-	-	-	-	-	-	-	300,000	-	-
Ending Balance	29,313	30,733	31,098	31,435	33,139	33,437	33,697	35,780	36,807	37,807	40,174	34,543	34,543	63,160	144,056

Assumptions:

- invoices are paid in 30 days;

- inventory is built for the next month; half of admin e
- salaries are paid in the same month;

- half of admin expenses except salaries is prepaid;

- half of admin expenses except salaries is paid in 30 days;

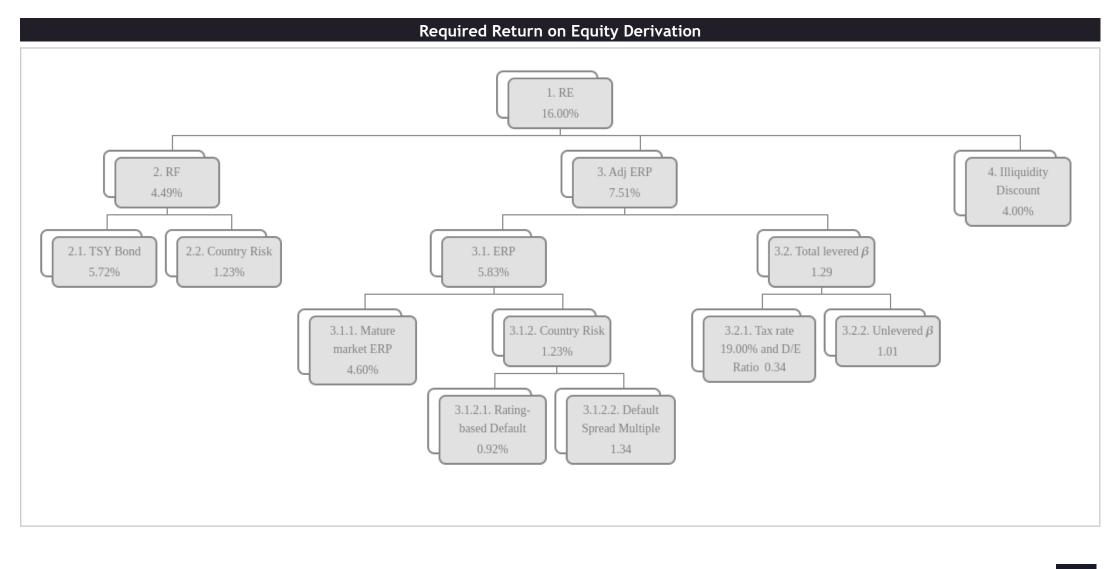
- interest expenses are paid in the next month.

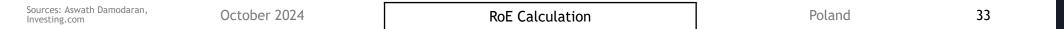
# Cost of Capital Estimation

#### 1 2 3 4 5 6 7 8

**Business Valuation** 

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# Cost of Capital: CAPM Inputs

#### 1 2 3 4 5 6 7 8

**Business Valuation** 

#### Methodology

Weighted Average Cost of Capital is calculated using Capital Asset Pricing Model (CAPM). Since the company is purely equity funded the WACC is equal to its Required Return on Equity R(E). The main research inputs used in calculations are based on studies published by professor at Stern School of Business Aswath Damodaran. Return on Equity R(E) is  $R(E)=R(F)+\beta * (ERP)$ , where: R(F) is Risk Free Rate. The basis for calculation of R(F) is the average of the yield of USD 30 Year TSY Bond. The horizon. ERP is Mature Market Equity Risk Premium. It incorporates market estimates for Rating-Based Default Spread and Default Spread Multiple ( $\beta$ ) is average equity betas of corresponding industries. Despite the company has no debt, the unlevered beta was levered with industry average figures to reflect the long-term D/E ration in the capital structure. Additionally, Illiquidity Risk Premiumof 4% is added to the estimated Return on Equity to reflect risk associated with firm being Privately Held vs Publicly Traded Companies.

#### Additional Assumptions

To calculate the companies Firm Value, its future Free Cash Flow to Equity (FCFE) is discounted using estimated Required Return on Equity.

The 3rd-year projected cash flow is used as a representation of the long-term Free Cash Flow to the Equity (FCFE). This approach may understate the valuation because cash flows are expected to grow more aggressively in the first 10 years, and the growth from years 4 to 10 is not reflected in this calculation. Long-term growth rate of 5% is applied.

After discounting the cashflows and measuring the Firm Value it is adjusted to historical estimate of Start-up firm's survival rate. The allows to incorporate risk of start-ups fails.

#### Survival of new establishments founded in 1998

	Pre	oportion of f	ïrms that we	re started in	1998 that si	urvived throi	ugh
	Year 1	Year 2	Year 3	Year 4	Year 5	Year 6	Year 7
Natural resources	82.33%	69.54%	59.41%	49.56%	43.43%	39.96%	36.68%
Construction	80.69%	65.73%	53.56%	42.59%	36.96%	33.36%	29.96%
Manufacturing	84.19%	68.67%	56.98%	47.41%	40.88%	37.03%	33.91%
Transportation	82.58%	66.82%	54.70%	44.68%	38.21%	34.12%	31.02%
Information	80.75%	62.85%	49.49%	37.70%	31.24%	28.29%	24.78%
Financial activities	84.09%	69.57%	58.56%	49.24%	43.93%	40.34%	36.90%
Business services	82.32%	66.82%	55.13%	44.28%	38.11%	34.46%	31.08%
Health services	85.59%	72.83%	63.73%	55.37%	50.09%	46.47%	43.71%
Leisure	81.15%	64.99%	53.61%	43.76%	38.11%	34.54%	31.40%
Other services	80.72%	64.81%	53.32%	43.88%	37.05%	32.33%	28.77%
All firms	81.24%	65.77%	54.29%	44.36%	38.29%	34.44%	31.18%

http://pages.stern.nyu.edu/~adamodar/New\_Home\_Page/datafile/ctryprem.html

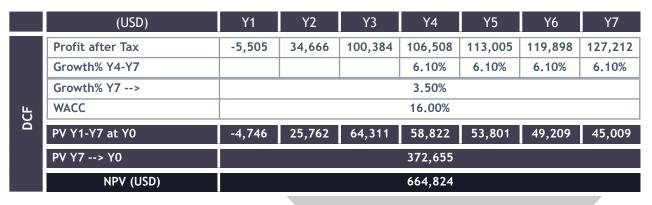
https://pages.stern.nyu.edu/~adamodar/pdfiles/papers/ younggrowth.pdf http://pages.stern.nyu.edu/~adamodar/

Sources: Aswath Damodaran, Investing.com

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**RoE Calculation** 

## **Business Valuation**





#### 1 2 3 4 5 6 7 8

**Business Valuation** 

The valuation is conducted using the Discounted Cash Flow (DCF) method. In this method, the projected cash flows for a period of 7 years, along with a terminal value, are discounted at a rate of 16.00 % to determine the Firm Value.

Starting from year 3 onwards, the cash flows are estimated to grow at a rate of 6.10 %, which is consistent with the market Compound Annual Growth Rate (CAGR) trend. Beyond year 7, the cash flows are assumed to grow at a long-term growth rate of 3.50 %.

To account for the inherent risks associated with a start-up venture, the Firm Value is adjusted using the historical survival rate of newly established firms. As indicated by the study conducted by Aswath Damodaran, there was approximately 50% probability of survival for Information sector companies. This adjustment allows to incorporate the risk profile of the business and provide a more comprehensive assessment of its value.

It is important to note that if the company can successfully navigate through its initial three years of operation, it is expected to have a significantly higher likelihood of becoming a going concern. This underscores the importance of demonstrating resilience and establishing a solid foundation during the critical early stages of the business.

# Scenario Analysis: Narrative

Scenario Analyses

1 2 3 4 5 6 7 8

Scenario analysis explores how external and internal factors influence key assumptions in financial planning. By analyzing potential positive and negative outcomes, company can better anticipate risks and opportunities when evaluating their future cash flows and overall valuation.

KPI Scenario		Narrative	KPI affected by
Dovobuo	Positive	This scenario reflects a favorable market environment or a strategic breakthrough, leading to higher projected revenue. It showcases the potential rewards of scaling and innovative approaches.	higher by 15%
Revenue	Negative	This scenario accounts for challenging conditions such as economic downturns or market disruptions, forecasting a potential revenue decrease. It emphasizes the importance of adaptability and risk management.	lower by 15%
60.66	Positive	This scenario demonstrates the benefits of operational efficiency or cost-saving strategies, resulting in reduced COGS. It highlights the value of innovation in supply chain and operations.	lower by 20%
COGS	Negative	This scenario addresses rising costs due to external pressures, resulting in an increase in COGS. It underlines the need for proactive cost- control measures.	higher by 20%
Discount	Positive	This scenario assumes a decrease in the discount rate (RoE) due to improved market conditions, lower perceived risk, or favorable macroeconomic factors. A lower discount rate increases the present value of future cash flows, enhancing the company's valuation.	lower by 10%
Rate (RoE)	Negative	This scenario models an increase in the discount rate (RoE) driven by higher market risk, macroeconomic instability, or industry-specific challenges. A higher discount rate reduces the present value of future cash flows, decreasing the company's valuation.	higher by 10%

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Scenario Analysis

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# Scenario Analysis: Results

1 2 3 4 5 6 7 8

Scenario Analyses

Scenario analysis explores how external and internal factors influence key assumptions in financial planning. By analyzing potential positive and negative outcomes, company can better anticipate risks and opportunities when evaluating their future cash flows and overall valuation.

Scenario Analy	vsis	📥 Rev	enue	CO CO	GS	🏦 Discount Rate			
KPIs	Base	Positive	Negative	Positive	Negative	Positive	Negative		
Revenue	no impact	15%	-15%	no impact	no impact	no impact	no impact		
COGS	no impact	no impact	no impact	-20%	20%	no impact	no impact		
RoE	no impact	no impact	no impact	no impact	no impact	-10%	10%		
Revenue Y3	\$ 748,150	\$ 860,373	\$ 635,928	\$ 748,150	\$ 748,150	\$ 748,150	\$ 748,150		
Gross Profit Y3	\$ 187,935	\$ 216,126	\$ 159,745	\$ 299,978	\$ 75,892	\$ 187,935	\$ 187,935		
GP Margin	25%	25%	25%	40%	10%	25%	25%		
EBITDA Y3	\$ 153,446	\$ 176,462	\$ 130,429	\$ 265,489	\$ 41,403	\$ 153,446	\$ 153,446		
EBITDA Margin	21%	21%	21%	35%	6%	21%	21%		
Net Profit Y3	\$ 100,384	\$ 119,028	\$ 81,741	\$ 191,139	\$ 9,630	\$ 100,384	\$ 100,384		
Profit Margin	13%	14%	13%	26%	1%	13%	13%		
Final Valuation	\$ 332,412	\$ 396,651	\$ 268,173	\$ 645,120	\$ 19,704	\$ 391,330	\$ 287,205		
\$ 	KPIs         Revenue         COGS         RoE         RoE         Gross Profit Y3         GP Margin         EBITDA Y3         EBITDA Margin         Net Profit Y3         Profit Margin	Revenueno impactCOGSno impactRoEno impactRoE\$ no impactGross Profit Y3\$ 748,150GP Margin\$ 187,935EBITDA Y3\$ 153,446EBITDA Margin21%Net Profit Y3\$ 100,384Profit Margin13%	KPIsBasePositiveRevenueno impact15%COGSno impactno impactRoEno impactno impactRevenue Y3\$ 748,150\$ 860,373Gross Profit Y3\$ 187,935\$ 216,126GP Margin25%25%EBITDA Y3\$ 153,446\$ 176,462EBITDA Margin21%21%Net Profit Y3\$ 100,384\$ 119,028Profit Margin13%14%	KPIs         Base         Positive         Negative           Revenue         no impact         15%         -15%           COGS         no impact         no impact         no impact           RoE         no impact         no impact         no impact           RoE         no impact         100 impact         no impact           RoE         no impact         100 impact         100 impact           RoE         100 impact         100 impact         100 impact           RoE         100 impact         100 impact         100 impact           Revenue Y3         \$ 748,150         \$ 860,373         \$ 635,928           Gross Profit Y3         \$ 187,935         \$ 216,126         \$ 159,745           GP Margin         25%         25%         25%           EBITDA Y3         \$ 153,446         \$ 176,462         \$ 130,429           EBITDA Margin         21%         21%         21%           Net Profit Y3         \$ 100,384         \$ 119,028         \$ 81,741           Profit Margin         13%         14%         13%	KPIsBasePositiveNegativePositiveRevenueno impact15%-15%no impactCOGSno impactno impactno impact20%RoEno impactno impactno impactno impactRoEs 748,150\$860,373\$635,928\$748,150Gross Profit Y3\$187,935\$216,126\$159,745\$299,978GP Margin25%25%25%40%EBITDA Y3\$153,446\$176,462\$130,429\$265,489Net Profit Y3\$100,384\$119,028\$81,741\$191,139Profit Margin13%14%13%26%	KPIsBasePositivePositivePositiveNegativeRevenueno impact15%-15%no impactno impactCOGSno impactno impactno impact20%RoEno impactno impactno impactno impactRoEs 748,150\$860,373\$635,928\$748,150\$748,150Gross Profit Y3\$187,935\$216,126\$159,745\$299,978\$75,892GP Margin25%25%\$130,429\$265,489\$41,403EBITDA Margin21%21%\$181,741\$191,139\$9,630Profit Margin13%14%13%\$13%\$16,024\$13%	KPIsBasePositivePositiveNegativeNegativePositiveRevenueno impact15%-15%no impactno impactno impactno impactCOGSno impactno impactno impact-20%20%no impactRoEno impact10 impact10 impact10 impact10 impact100 impactRevenue Y3\$748,150\$860,373\$635,928\$748,150\$748,150\$748,150Gross Profit Y3\$187,935\$216,126\$159,745\$299,978\$75,892\$187,935GP Margin25%25%25%40%10%25%EBITDA Margin21%\$176,462\$130,429\$265,489\$41,403\$153,446Net Profit Y3\$100,384\$119,028\$81,741\$191,139\$9,630\$100,384Profit Margin13%14%13%\$265,689\$1%\$1%\$100,384		

# Stress Test: Growth Under Pressure

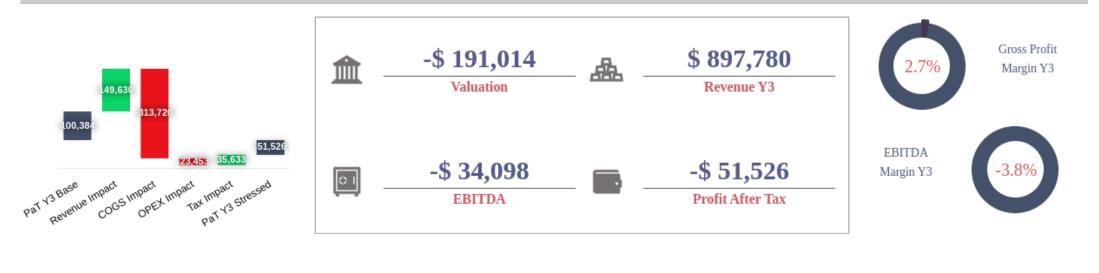


Stress Tests

Stress tests provide a comprehensive view of how businesses might perform under extreme conditions, enabling better preparation for the uncertainties of real-world challenges.

Scenario Name	Story	KPIs impact	
Growth Under	This scenario explores the challenges of managing rapid growth while dealing with operational bottlenecks. A surge in demand and revenue places significant strain on supply chains and internal processes. Despite achieving higher sales volumes, inefficiencies in scaling lead to increased costs and a heightened risk perception, keeping the discount rate elevated. 'Growth Under Pressure' examines how businesses can balance seizing growth opportunities while investing in infrastructure, talent, and systems to support scalability.	Revenue Higher by 20% OPEX	COGS Higher by 30%
Pressure		Higher by 40%	unaffected

#### Results



Sources: Company's Prop Information October 2024 Stress Tests Poland 38

# Stress Test: The Perfect Storm

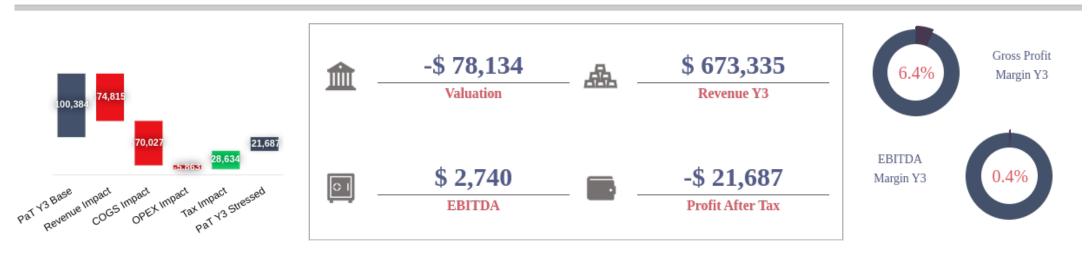


Stress Tests

Stress tests provide a comprehensive view of how businesses might perform under extreme conditions, enabling better preparation for the uncertainties of real-world challenges.

Scenario Name	Story	KPIs impact	
The Perfect	This scenario simulates the convergence of adverse market conditions and rising operational challenges. A sharp downturn in market demand coincides with increased costs due to inflation and supply chain disruptions. The combination results in a dual hit to both top-line revenue and operational margins. Additionally, external factors such as economic instability elevate the discount rate, amplifying the pressure on future cash	<b>Revenue</b> Lower by 10%	COGS Higher by 25%
Storm	flows. Businesses facing 'The Perfect Storm' must focus on resilience through diversified revenue streams, cost-control measures, and contingency planning.	OPEX Higher by 30%	Discount Rate Higher by 10%

#### Results



# Sensitivity Analysis: SAM & SOM

#### 1 2 3 4 5 6 7 8

Sensitivity Analysis

				S/	١M			SOM						
		-20%	-10%	-5%	5%	10%	20%	-9%	-6%	-3%	3%	6%	9%	
	Y1	\$ 88,613	\$ 99,689	\$ 105,228	\$ 116,304	\$ 121,843	\$ 132,919	\$ 100,797	\$ 104,120	\$ 107,443	\$ 114,089	\$ 117,412	\$ 120,735	
Revenue	Y2	\$ 282,055	\$ 317,312	\$ 334,940	\$ 370,197	\$ 387,825	\$ 423,082	\$ 320,837	\$ 331,414	\$ 341,991	\$ 363,145	\$ 373,722	\$ 384,300	
	Y3	\$ 598,520	\$ 673,335	\$ 710,743	\$ 785,558	\$ 822,965	\$ 897,780	\$ 680,817	\$ 703,261	\$ 725,706	\$ 770,595	\$ 793,039	\$ 815,484	
C	Y1	\$ 22,260	\$ 25,042	\$ 26,433	\$ 29,216	\$ 30,607	\$ 33,389	\$ 25,320	\$ 26,155	\$ 26,990	\$ 28,659	\$ 29,494	\$ 30,329	
Gross Profit	Y2	\$ 70,852	\$ 79,709	\$ 84,137	\$ 92,993	\$ 97,422	\$ 106,278	\$ 80,594	\$ 83,251	\$ 85,908	\$ 91,222	\$ 93,879	\$ 96,536	
Pront	¥3	\$ 150,348	\$ 169,142	\$ 178,539	\$ 197,332	\$ 206,729	\$ 225,522	\$ 171,021	\$ 176,659	\$ 182,297	\$ 193,573	\$ 199,211	\$ 204,849	
	Y1	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	
GP Margin	Y2	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	
	Y3	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	25%	
	Y1	\$ 18,174	\$ 20,446	\$ 21,582	\$23,854	\$ 24,990	\$ 27,262	\$ 20,673	\$ 21,355	\$ 22,037	\$ 23,400	\$ 24,081	\$ 24,763	
EBITDA	Y2	\$ 57,849	\$ 65,081	\$ 68,696	\$75,927	\$ 79,543	\$ 86,774	\$ 65,804	\$ 67,973	\$ 70,142	\$ 74,481	\$ 76,650	\$ 78,820	
	Y3	\$ 122,756	\$ 138,101	\$ 145,773	\$ 161,118	\$ 168,790	\$ 184,135	\$ 139,635	\$ 144,239	\$ 148,842	\$ 158,049	\$ 162,652	\$ 167,256	
	Y1	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	
EBITDA	Y2	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	
Margin	Y3	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	21%	
	Y1	-\$ 9,185	-\$ 7,345	-\$ 6,425	-\$ 4,585	-\$ 3,665	-\$ 1,825	-\$ 7,161	-\$ 6,609	-\$ 6,057	-\$ 4,953	-\$ 4,401	-\$ 3,849	
Net Profit	Y2	\$ 22,951	\$ 28,809	\$ 31,737	\$ 37,595	\$ 40,523	\$ 46,380	\$ 29,394	\$ 31,152	\$ 32,909	\$ 36,423	\$ 38,180	\$ 39,937	
	Y3	\$ 75,526	\$ 87,955	\$ 94,170	\$ 106,599	\$ 112,813	\$ 125,243	\$ 89,198	\$ 92,927	\$ 96,656	\$ 104,113	\$ 107,842	\$ 111,571	
D (1)	Y1	-10%	-7%	-6%	-4%	-3%	-1%	-7%	-6%	-6%	-4%	-4%	-3%	
Profit	¥2	8%	9%	9%	10%	10%	11%	9%	9%	10%	10%	10%	10%	
Margin	¥3	13%	13%	13%	14%	14%	14%	13%	13%	13%	14%	14%	14%	
Final V	aluation	\$ 246,760	\$ 289,586	\$ 310,999	\$ 353,825	\$ 375,238	\$ 418,064	\$ 293,868	\$ 306,716	\$ 319,564	\$ 345,260	\$ 358,108	\$ 370,955	

This sensitivity analysis evaluates the potential impact of changes in Serviceable Addressable Market (SAM) and Serviceable Obtainable Market (SOM) on key financial metrics. By simulating percentage variations in SAM and SOM, this analysis helps identify how shifts in market assumptions affect revenue, profitability, and overall valuation.

Sources: Company's Prop Information

October 2024

Sensitivity Analysis

#### B2B - Business to Business B2C - Business to Customer

b \$ - Billions of \$

Glossary

- **CAPEX** Capital Expenditure
- CAPM Capital Asset Pricing Model COGS Cost of oods sold

Financial and Technical

- DCF Discounted cash flow
- Depr. Depreciation
- EBIT Earnings before interest and taxes
- EBITDA Earnings before nterest, axes, depreciation, and amortization
- EBT Earnings Before Tax ERP Equity Risk Premium
- ETA Estimated Time of Arrival
- EV nterprise Value
- FA (Tangible and Intangible) Fixed assets (tangible and intangible)
- FX Foreign Exchange
- FY Fiscal vear
- GP ross profit
- k \$ Thousands of \$
- LLM Large Language Model
- LFY Last fiscal year m \$ Millions of \$
- MTD Month-to-date
- MVP inimum Viable Product
- NFT Non-Fungible Token
- NPV Net present value
- **OPEX** Operating Expense
- P&L A profit and loss (P&L) tatement
- PaT Profit after Tax
- POC Proof of Concept
- PPE Property, plant, and equipment SG&A Sales, General and Administrative
- TSY bond rate Treasury bond rate
- WACC Weighted average cost of capital
- YTD Year-to-date

#### **Organisational Structure**

**CBDO** - Chief Business Development Officer CEO - Chief Executive Officer **CPO** - Chief Product Officer CFO - Chief Financial Officer CTO Chief Technology Officer C-level - Chief level Eng - Engineer Dev - Developer HR - Human Resources

#### Other

- Av Average
- EoP End of Period
- LE Legal Entity
- PE Private Equity TOM - Target Operating Model

#### 1 2 3 4 5 6 7 8

Glossary & Disclaimer

# Disclaimer

#### 1 2 3 4 5 6 7 8

Glossary & Disclaimer

The following information and valuation analysis are provided for informational purposes only and do not constitute financial or investment advice. This presentation is based on assumptions, projections, and historical data, which are subject to inherent uncertainties and risks.

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