



Global Smart Wearables Market

Case Study

Case study: Global Smart Wearables Market

Client	Business unit of a leading chemical company providing sustainability consulting solutions
Industry	Metals & mining, oil & gas, and construction
Products	Smart industrial wearables

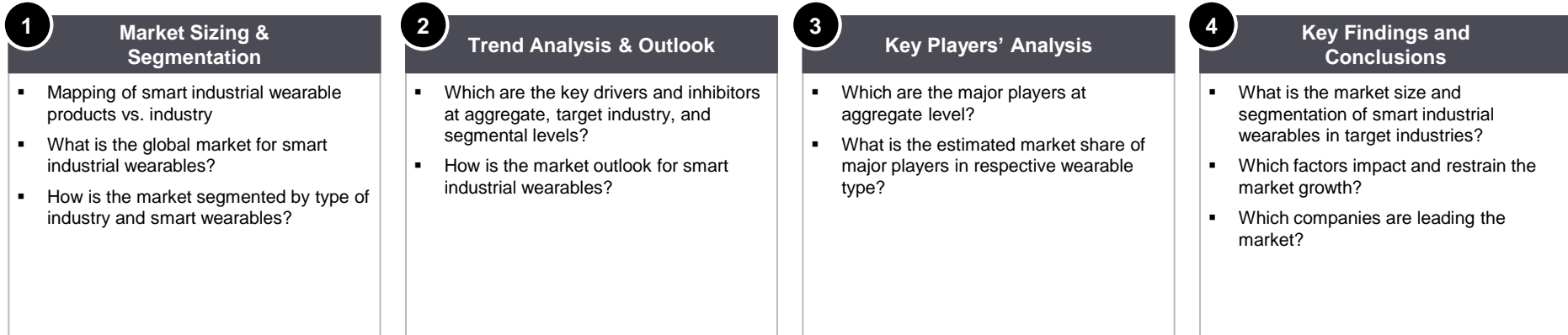
Context

- The client required a continuous flow of quick and precise market insights both, for client-specific and internal mandates on the smart industrial wearables market.

Key Business Questions

- What is the size of the smart industrial wearables market?
- How is the market segmented by type of industry, smart wearables, and risk?
- Which are the key drivers and inhibitors?
- How is the market outlook for smart industrial wearables?
- Which are the major players at aggregate level?

Engagement Scope



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Research Methodology

Secondary Research

- Conducted desk research by referring to sources that include associations, journals, magazines, company websites, conference presentations, etc.
- Referred to industry databases such as Factiva, ICIS, Questel Orbit, Bloomberg, etc.

Primary Research

- 50+ interviews with major value chain partner companies

Benefits to Client

- Global and regional market size of smart industrial wearables, such as helmets, head-mounted devices, and smart glass
- Major use of smart wearables and customers using them with respect to target industry
- Average prices of various smart industrial wearables
- Market outlook and trends, including drivers and restraints that impact the smart wearables industry
- Key players offering smart wearables and how are they placed in the target industry

Sample Analysis

1 Market Sizing & Segmentation

Executive summary

Target industrial wearables (IHAW) - \$B and \$B in 2024 in target industries (OI) - \$B and \$B in 2024 in all OI

2024 market	2024 OI	2024 IHAW	2024 OI
+\$15.2 B	+\$15.2 B	+\$15.2 B	+\$15.2 B

Industrial wearable market size & segmentation

Category	Value	Value	Value	Value
CR & gear (OO)	+\$15.7 B	+\$5.84 B	Mostly focused	Oil, Chemical, Steel, Logistics, Manufacturing, Ship, Ship, Energy, Defense, Construction
Mobile & wearing (OW)	+\$5.82 B	+\$5.82 B	Mostly focused	Oil, Ship, Tires, Auto, Aviation, Manufacturing, Ship, Ship
Construction (OO)	+\$5.82 B	+\$5.82 B	Least focused	Airline, Auto, Defense, Oil, Construction
Market size	+\$5.82 B	+\$5.82 B	+\$5.82 B	+\$5.82 B

Key players

Other industrial wearables are at report stage. Other smart wearables such as smart glass and smart shoes are being tracked mostly for construction industry.

2 Trend Analysis & Outlook

Industrial wearable market trend analysis and outlook (1 / 2)

Smart helmet (SH) penetration

- SH penetration is at a CAGR using 2019-2023, 24 per cent
- Other smart industrial wearables expected to grow at a CAGR of 19 per cent

Industrial wearable market trend analysis and outlook (2 / 2)

Market drivers and inhibitors

Market drivers

- Increase in training in smart wearables industry
- Shift to AIOT wearables
- Increasing requirement of remote support
- Increasing requirement of data security
- Increasing requirement of data security
- Increasing requirement of data security

Market inhibitors

- High cost of smart AIOT helmet
- High cost of smart AIOT helmet
- High cost of smart AIOT helmet

Product specific

- High cost of smart AIOT helmet
- High cost of smart AIOT helmet
- High cost of smart AIOT helmet

3 Key Players' Analysis

Key players analysis: Smart helmet & head mounted display (SH+HMD)

Market	Company	Key	Product	Target industry focus	Target industry revenue	Comment
\$1.5B	SARINEX	US	SH+HMD	Oil, O&G	Not available	Company launched Sarinex Smart SH 2019 in Aug 2019, which can be used in mining and construction.
\$1.5B	Wandoo	CA	SH+HMD	Oil, O&G	Not available	Company offers SH+HMD for mining and construction.
\$1.5B	THI	US	SH+HMD	Oil, O&G	Not available	Company offers SH+HMD for mining and construction.
\$1.5B	Tate Group	IN	SH+HMD	Oil, O&G	Not available	Company offers SH+HMD for mining and construction.

Key players analysis: Smart glasses

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4 Key Findings and Conclusions

Value proposition: Smart helmet & head mounted display

Value proposition: Smart glasses

Company	Product	Key features	Use cases	Comment
EPSON	Realitas	AR, VR, MR	Manufacturing, Oil & Gas	Company offers AR/VR/MR for manufacturing and oil & gas.
Google	AR/VR	AR, VR, MR	Manufacturing, Oil & Gas	Company offers AR/VR/MR for manufacturing and oil & gas.
Microsoft	HoloLens	AR, VR, MR	Manufacturing, Oil & Gas	Company offers AR/VR/MR for manufacturing and oil & gas.
VUZIX	WISS	AR, VR, MR	Manufacturing, Oil & Gas	Company offers AR/VR/MR for manufacturing and oil & gas.
EPSON	Realitas	AR, VR, MR	Manufacturing, Oil & Gas	Company offers AR/VR/MR for manufacturing and oil & gas.

Thank you

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