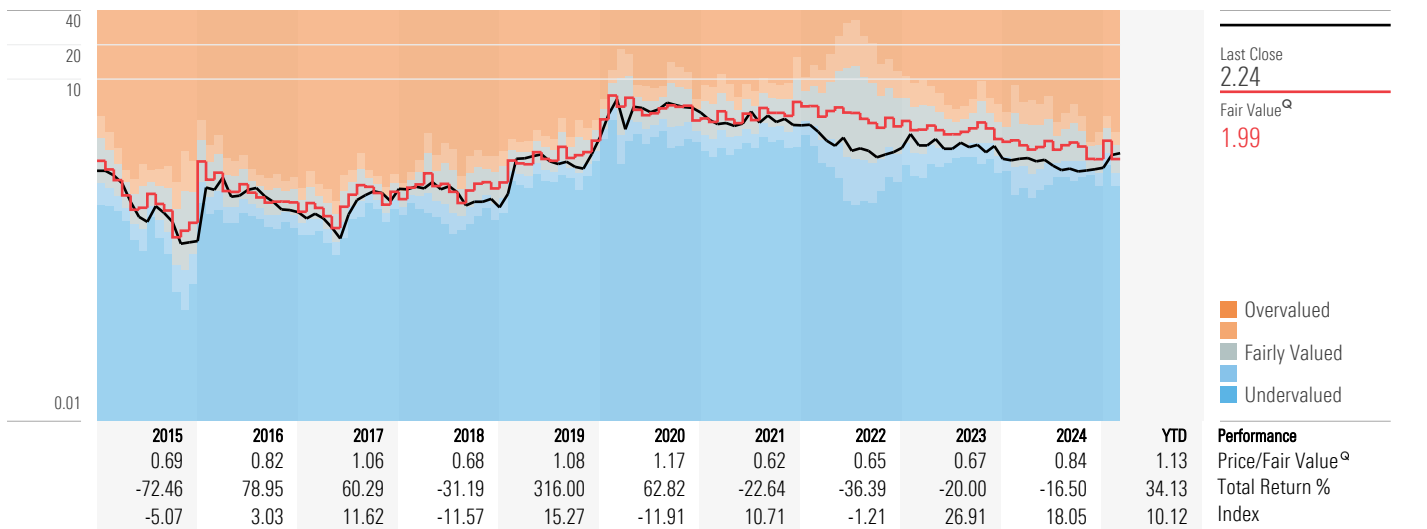


# Facephi Biometria SA FACE ★★★ Q 8 Feb 2025 06:32, UTC

|                                   |                                 |                                      |  |                                  |                   |                         |               |                        |
|-----------------------------------|---------------------------------|--------------------------------------|--|----------------------------------|-------------------|-------------------------|---------------|------------------------|
| <b>Economic Moat</b> <sup>Q</sup> | <b>Uncertainty</b> <sup>Q</sup> | <b>Price/Fair Value</b> <sup>Q</sup> | <b>ESG Risk Rating Assessment</b> <sup>1</sup> | <b>Trailing Dividend Yield %</b> | <b>Market Cap</b> | <b>Investment Style</b> | <b>Sector</b> | <b>Industry</b>        |
| None                              | Very High                       | 1.13                                 | 🌐🌐🌐🌐🌐  | 0.00                             | —                 | Small Blend             | Technology    | Software - Application |



As of 07 Feb 2025 | Index: Morningstar Spain GR EUR. Fair Value data as of 4 Feb 2025 06:33, UTC.

<sup>1</sup>The ESG Risk Rating Assessment is a representation of Sustainalytics' ESG Risk Rating. Jeffrey Ptak, Chief Ratings Officer for Morningstar Research Services LLC oversees the methodology that supports Quantitative Fair Value Estimates and Quantitative Star Ratings. Mr Ptak is guided by the Morningstar Research Services' Code of Ethics and the Morningstar, Inc. Code of Ethics in carrying out his responsibilities. For information regarding Conflicts of Interests, visit <http://global.morningstar.com/equitydisclosures>.

## Key Metrics

| Metrics               | Percentile in Sector |
|-----------------------|----------------------|
| Earnings Yield (%)    | —                    |
| Sales Yield (%)       | —                    |
| Book Value Yield (%)  | —                    |
| Return on Assets (%)* | —                    |
| Revenue*              | —                    |
| Market Value          | —                    |
| Enterprise Value      | —                    |
| EVMB Ratio            | —                    |
| Volatility TTM (%)    | —                    |
| Drawdown TTM (%)      | —                    |
| Volume                | —                    |

\* —

## Business Description

Facephi Biometria SA is engaged in developing and marketing face recognition software and mobile biometrics technology. The company's software is used in online banking, mobile banking, social networks, ATM's, single sign-on and automotive sector. Its product offerings include SDK, Selphi, Me and PhiVox. The Company's main activity consists of marketing and implementation of biometric facial recognition software. The company derives majority of the revenue d from the sale of the rights to use (licensing, maintenance and support) of the recognition technology software by facial biometrics.

## Valuation <sup>Q</sup> as of 8 Feb 2025

Facephi Biometria SA is assigned a 3-star quantitative star rating, illustrating our stance that this share class is a balanced choice, but prudent investors should consider looking elsewhere. The stock currently trades at a 13% premium over our quantitative fair value estimate of 1.99 EUR per share; however, this estimate should be taken with a pinch of salt due to its very high uncertainty rating.

The firm's valuation metrics undermine our fair value estimate. A company's valuation metrics provide insights into the market's expectations for its future growth and profitability. Reflecting the firm's valuation is its enterprise value to EBITDA ratio of 208.2, which sits in the top 10% globally. This suggests that the value of its enterprise value, or the value of its shares and debt, is a high multiple of the generated EBITDA. We believe this is a sign that shares could be expensive.

The firm's lack of profitability is an additional cause for concern. Companies with low profitability are often less resilient in recessions and are likely to

generate weaker future cash flows for shareholders. The firm's earnings yield of -9.9%, for example, lies in the bottom 20% compared with peers globally. The earnings generated by the company relative to its share price is concerning, which further promotes our unfavorable price/fair value ratio.

In addition to the aforementioned drivers, our model considers momentum as part of its comprehensive analysis. This share class has been a laggard relative to the broader universe over the past year. While we believe the stock is overvalued, this underperformance had a positive impact on our valuation estimate.

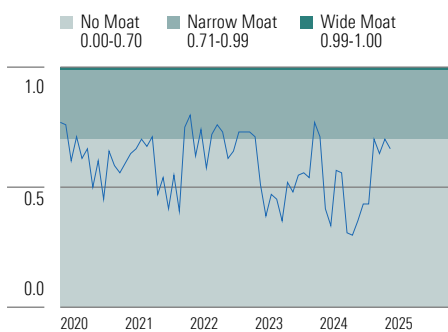
## Economic Moat <sup>Q</sup> as of 8 Feb 2025

With its quantitative economic moat rating of none, we do not expect this company to materially outearn its cost of capital in the long run. Additionally, the firm's moderate financial health score suggests it is acceptably positioned against adverse economic circumstances.

## Contact

Avenida Perfecto Palacio de la Fuente 6, Alicante 03003  
 T +34 965108008  
<https://www.facephi.com>

## Economic Moat <sup>Q</sup> History as of 1 Feb 2025



# Facephi Biometria SA FACE ★★★

Q 8 Feb 2025 06:32, UTC

|                                   |                                 |                                      |  |                                  |                   |                         |               |                        |
|-----------------------------------|---------------------------------|--------------------------------------|--|----------------------------------|-------------------|-------------------------|---------------|------------------------|
| <b>Economic Moat</b> <sup>Q</sup> | <b>Uncertainty</b> <sup>Q</sup> | <b>Price/Fair Value</b> <sup>Q</sup> | <b>ESG Risk Rating Assessment</b> <sup>1</sup> | <b>Trailing Dividend Yield</b> % | <b>Market Cap</b> | <b>Investment Style</b> | <b>Sector</b> | <b>Industry</b>        |
| None                              | Very High                       | 1.13                                 | 🌐🌐🌐🌐🌐  | 0.00                             | —                 | Small Blend             | Technology    | Software - Application |

## Earnings

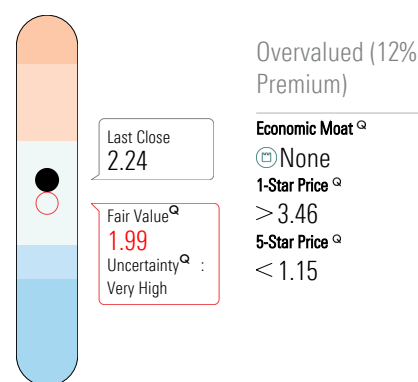
| Earnings           | % | ■ Percentile in Sector |
|--------------------|---|------------------------|
| Dividend Yield*    | — | —                      |
| Payout Ratio*      | — | —                      |
| Price to Earnings  | — | —                      |
| Price to Cash Flow | — | —                      |
| ROIC**             | — | —                      |

\* —  
\*\* —

## Dividends as of 7 Feb 2025



## Valuation <sup>Q</sup> as of 4 Feb 2025



### Economic Moat <sup>Q</sup>

None

1-Star Price <sup>Q</sup>

&gt; 3.46

5-Star Price <sup>Q</sup>

&lt; 1.15

## Financials (Fiscal Year End 31 Dec 2023)

|                           | 2015    | 2016  | 2017   | 2018   | 2019  | 2020  | 2021  | 2022  | 2023 | 2024 | 06/2024 | Fiscal                    |
|---------------------------|---------|-------|--------|--------|-------|-------|-------|-------|------|------|---------|---------------------------|
| Revenue (Mil)             | 0.41    | 2.01  | 2.70   | 4.48   | 8.19  | 7.27  | 13.16 | 22.28 | —    | —    | 27.10   | Revenue (Mil)             |
| Operating Income (Mil)    | -0.70   | 0.01  | -1.08  | -1.54  | 2.69  | 0.12  | -0.41 | 2.58  | —    | —    | -6.05   | Operating Income (Mil)    |
| Operating Margin (%)      | -172.91 | 0.59  | -40.00 | -34.44 | 32.79 | 1.66  | -3.13 | 11.60 | —    | —    | -22.32  | Operating Margin (%)      |
| Net Income (Mil)          | -0.79   | -0.06 | 0.36   | 1.17   | 1.29  | -1.85 | -0.55 | 1.11  | —    | —    | -5.90   | Net Income (Mil)          |
| Diluted Earnings/Share    | -0.08   | -0.01 | 0.03   | 0.09   | 0.10  | -0.13 | -0.04 | 0.07  | —    | —    | -0.26   | Diluted Earnings/Share    |
| Operating Cash Flow (Mil) | —       | -0.15 | -1.24  | 0.25   | -0.19 | 1.43  | -3.60 | -5.82 | —    | —    | 1.90    | Operating Cash Flow (Mil) |
| Capital Spending (Mil)    | —       | 0.01  | 0.39   | 0.50   | 0.82  | 2.29  | 2.55  | 2.07  | —    | —    | 11.19   | Capital Spending (Mil)    |
| Free Cash Flow (Mil)      | —       | 0.16  | -0.42  | 0.00   | 1.84  | -1.84 | -2.17 | -1.09 | —    | —    | -10.17  | Free Cash Flow (Mil)      |
| Avg Shares Outstand(Mil)  | 11.94   | 13.14 | 13.13  | 13.10  | 13.44 | 14.37 | 15.02 | 17.28 | —    | —    | 17.87   | Avg Shares Outstand(Mil)  |

## Valuation as of 7 Feb 2025

|                               | 2015  | 2016  | 2017  | 2018   | 2019  | 2020  | 2021   | 2022   | 2023 | 2024  | Current | Calendar                      |
|-------------------------------|-------|-------|-------|--------|-------|-------|--------|--------|------|-------|---------|-------------------------------|
| Price/Fair Value <sup>Q</sup> | 0.69  | 0.82  | 1.06  | 0.68   | 1.08  | 1.17  | 0.62   | 0.65   | 0.67 | 0.84  | 1.13    | Price/Fair Value <sup>Q</sup> |
| Price/Sales                   | 21.33 | 4.48  | 13.89 | 2.98   | 8.91  | 7.06  | 6.39   | 2.28   | 1.40 | 1.25  | 1.67    | Price/Sales                   |
| Price/Earnings                | —     | —     | —     | 24.37  | 38.79 | 61.05 | —      | 268.85 | —    | —     | —       | Price/Earnings                |
| Price/Cash Flow               | —     | —     | 77.97 | 717.02 | 58.05 | 28.32 | 120.50 | —      | —    | 33.13 | 44.44   | Price/Cash Flow               |
| Price/Book                    | 16.61 | 11.27 | 60.50 | 11.87  | 22.51 | 14.38 | 7.64   | 3.90   | 2.88 | 2.33  | 3.12    | Price/Book                    |

## Operating Performance (Fiscal Year End 31 Dec 2023)

|                         | 2015    | 2016  | 2017  | 2018  | 2019  | 2020   | 2021  | 2022 | 2023 | 2024 | 06/2024 | Fiscal (%)              |
|-------------------------|---------|-------|-------|-------|-------|--------|-------|------|------|------|---------|-------------------------|
| Return on Assets        | -65.42  | -2.89 | 9.79  | 21.22 | 14.55 | -13.54 | -3.20 | 4.37 | —    | —    | -14.06  | Return on Assets        |
| Return on Equity        | -223.59 | -9.33 | 32.61 | 58.81 | 36.97 | -32.30 | -7.01 | 9.25 | —    | —    | -41.21  | Return on Equity        |
| Rtn on Invested Capital | -82.35  | -4.27 | 19.17 | 29.98 | 22.05 | -17.55 | -2.07 | 7.01 | —    | —    | -16.83  | Rtn on Invested Capital |

## Dividends as of 7 Feb 2025

|                         | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | Current | Calendar (%)            |
|-------------------------|------|------|------|------|------|------|------|------|------|------|---------|-------------------------|
| Dividend Per Share      | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | 0.00    | Dividend Per Share      |
| Trailing Dividend Yield | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00    | Trailing Dividend Yield |
| Buyback Yield           | —    | —    | —    | —    | —    | —    | —    | —    | —    | —    | —       | Buyback Yield           |

# Appendix

**Economic Moat** <sup>®</sup>History as of 1 Feb 2025 (No Moat: 0.00-0.70, Narrow Moat: 0.70-0.99, Wide Moat: 0.99-1.00)

| Year | January | February | March | April | May  | June | July | August | September | October | November | December |
|------|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|
| 2025 | 0.70    | 0.66     | —     | —     | —    | —    | —    | —      | —         | —       | —        | —        |
| 2024 | 0.71    | 0.41     | 0.34  | 0.57  | 0.56 | 0.31 | 0.30 | 0.36   | 0.43      | 0.43    | 0.70     | 0.64     |
| 2023 | 0.71    | 0.51     | 0.38  | 0.47  | 0.45 | 0.36 | 0.52 | 0.48   | 0.55      | 0.56    | 0.54     | 0.77     |
| 2022 | 0.80    | 0.63     | 0.74  | 0.58  | 0.72 | 0.76 | 0.73 | 0.62   | 0.65      | 0.73    | 0.73     | 0.73     |
| 2021 | 0.60    | 0.64     | 0.66  | 0.70  | 0.67 | 0.71 | 0.47 | 0.54   | 0.41      | 0.55    | 0.40     | 0.75     |
| 2020 | 0.77    | 0.76     | 0.61  | 0.71  | 0.62 | 0.66 | 0.50 | 0.61   | 0.45      | 0.65    | 0.59     | 0.56     |

## Quantitative Equity Report Overview

The quantitative report on equities consists of data, statistics and quantitative equity ratings on equity securities. Morningstar, Inc.'s quantitative equity ratings are forward looking and are generated by a statistical model that is based on Morningstar Inc.'s analyst-driven equity ratings and quantitative statistics. Given the nature of the quantitative report and the quantitative ratings, there is no one analyst in which a given report is attributed to; however, Jeffrey Ptak, Chief Ratings Officer for Morningstar Research Services LLC is responsible for overseeing the methodology that supports the quantitative equity ratings used in this report. As an employee of Morningstar Research Services LLC, a subsidiary of Morningstar, Inc., Mr Ptak is guided by the Morningstar Research Services' Code of Ethics and the Morningstar, Inc. Code of Ethics and Personal Securities trading Policy in carrying out his responsibilities.

### Quantitative Equity Ratings

Morningstar's quantitative equity ratings consist of: (i) Quantitative Fair Value Estimate, (ii) Quantitative Star Rating, (iii) Quantitative Uncertainty, (iv) Quantitative Economic Moat, and (v) Quantitative Financial Health (collectively the "Quantitative Ratings").

The Quantitative Ratings are calculated daily and derived from the analyst-driven ratings of a company's peers as determined by statistical algorithms. Morningstar, Inc. ("Morningstar", "we", "our") calculates Quantitative Ratings for companies whether or not it already provides analyst ratings and qualitative coverage. In some cases, the Quantitative Ratings may differ from the analyst ratings because a company's analyst-driven ratings can significantly differ from other companies in its peer group.

i. **Quantitative Fair Value Estimate:** Intended to represent Morningstar's estimate of the per share dollar amount that a company's equity is worth today. Morningstar calculates the Quantitative Fair Value Estimate using a statistical model derived from the Fair Value Estimate Morningstar's equity analysts assign to companies. Please go to <http://global.morningstar.com/equitydisclosures> for information about Fair Value Estimate Morningstar's equity analysts assign to companies.

ii. **Quantitative Economic Moat:** Intended to describe the strength of a firm's competitive position. It is calculated using an algorithm designed to predict the Economic Moat rating a Morningstar analyst would assign to the stock. The rating is expressed as Narrow, Wide, or None.

**Narrow** – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 70% but less than 99%.

**Wide** – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 99%.

**None** – assigned when the probability of an analyst receiving a "Wide Moat" rating by an analyst is less than 70%.

iii. **Quantitative Star Rating:** Intended to be the summary rating based on the combination of our Quantitative Fair Value Estimate, current market price, Quantitative Uncertainty Rating, and momentum. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.

★ – the stock is overvalued with a reasonable margin of safety.

*Log (Quant FVE/Price) < -1\*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) < -1.5\*Quantitative Uncertainty*

★★ – the stock is somewhat overvalued.

*Log (Quant FVE/Price) between (-1\*Quantitative Uncertainty, -0.5\*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-1.5\*Quantitative Uncertainty, -0.75\*Quantitative Uncertainty)*

★★★ – the stock is approximately fairly valued.

*Log (Quant FVE/Price) between (-0.5\*Quantitative Uncertainty, 0.5\*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-0.75\*Quantitative Uncertainty, 0.75\*Quantitative Uncertainty)*

★★★★ – the stock is somewhat undervalued.

*Log (Quant FVE/Price) between (0.5\*Quantitative Uncertainty, 1\*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (0.75\*Quantitative Uncertainty, 1.5\*Quantitative Uncertainty)*

★★★★★ – the stock is undervalued with a reasonable margin of safety.

*Log (Quant FVE/Price) > 1\*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) > 1.5\*Quantitative Uncertainty*

**Under Review** – Morningstar will assign a rating of "Under Review" in three scenarios: when there is occurrence of a corporate event, when the closing price is unavailable for at least 7 days, or when the quantitative Fair Value to Price Ratio does not fall into the expected range of 0.25-4.

**Not Rated** – Morningstar will assign a rating of 'Not Rated' when closing price data is unavailable for at least 30 days.

**Momentum Flag** – After the initial calculation for the star rating, there is a final filtering step based on the momentum of the company. We rank the companies based on their 12-1 month momentum, then restrict those below the 30th percentile to a maximum of 3 stars.

iv. **Quantitative Uncertainty:** Intended to represent Morningstar's level of uncertainty about the accuracy of the Quantitative Fair Value Estimate. Generally, the lower the Quantitative Uncertainty, the narrower the potential range of outcomes for that particular company. The rating is expressed as Low, Medium, High, Very High, and Extreme.

**Low** – the interquartile range for possible fair values is less than 10%

**Medium** – the interquartile range for possible fair values is less than 15% but greater than 10%

**High** – the interquartile range for possible fair values is less than 35% but greater than 15%

**Very High** – the interquartile range for possible fair values is less than 80% but greater than 35%

**Extreme** – the interquartile range for possible fair values is greater than 80%

v. **Quantitative Financial Health:** Intended to reflect the probability that a firm will face financial distress in the near future. The calculation uses a predictive model designed to anticipate when a company may default on its financial obligations. The rating is expressed as Weak, Moderate, and Strong.

**Weak** – assigned when Quantitative Financial Health < 0.2

**Moderate** – assigned when Quantitative Financial Health is between 0.2 and 0.7

**Strong** – assigned when Quantitative Financial Health > 0.7

### Other Definitions

i. **Last Close** – Price of the stock as of the close of the market of the last trading day before date of the report.

ii. **Quantitative Valuation** – Using the below terms, intended to denote the relationship between the security's **Last Price** and Morningstar's quantitative fair value estimate for that security.

**Undervalued – Last Price** is below Morningstar's quantitative fair value estimate.

**Fairly Valued – Last Price** is in line with Morningstar's quantitative fair value estimate.

**Overvalued – Last Price** is above Morningstar's quantitative fair value estimate.

**Sustainalytics ESG Risk Rating Assessment:** The ESG Risk Rating Assessment is provided by Sustainalytics; a Morningstar company.

Sustainalytics' ESG Risk Ratings measure the degree to which company's economic value at risk is driven by environment, social and governance (ESG) factors.

Sustainalytics analyzes over 1,300 data points to assess a company's exposure to and management of ESG risks. In other words, ESG Risk Ratings measures a company's unmanaged ESG Risks represented as a quantitative score.

Unmanaged Risk is measured on an open-ended scale starting at zero (no risk) with lower scores representing less unmanaged risk and, for 95% of cases, the unmanaged ESG Risk score is below 50.

Based on their quantitative scores, companies are grouped into one of five Risk Categories (negligible, low, medium, high, severe). These risk categories are absolute, meaning that a 'high risk' assessment reflects a comparable degree of unmanaged ESG risk across all subindustries covered.

The ESG Risk Rating Assessment is a visual representation of Sustainalytics ESG Risk Categories on a 1 to 5 scale. Companies with Negligible Risk = 5 Globes, Low Risk = 4, Medium Risk = 3 Globes, High Risk = 2 Globes, Severe Risk = 1 Globe. For more information, please visit [sustainalytics.com/esg-ratings/](https://sustainalytics.com/esg-ratings/)

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