

FUTURE HORIZONS

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The Global Semiconductor Monthly Report

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The Global Semiconductor Monthly Report July 2022

The Storm Clouds Are Gathering ...
Are Years Of Plenty Dulling Minds?

Over 33 years As *THE* Authoritative Industry Scorekeeper, With An Exemplary Record Of Accuracy & Calling The Trends Right ... We Were The *ONLY* Analyst To:

- ☑ Correctly Call Double-Digit Upturn In 2018 (Nov 2016)
- ☑ Correctly Call 'Stay Calm' Advice Re 2020 Covid-19 Impact (April 2020)
- ☑ Correctly Call 2021 Double-Digit Growth, With Upside Of 24% (Sep 2020)
- ☑ Correctly Call Systemic & Widespread Shortages Throughout 2021-22 (Sep 2020)
- ☑ Only Analyst To Warn Of A Market Downturn In 2H-2022 (Dec 2021)

Mark Your Diary NOW! ... IFS2022-MT ... 13 Sep 2022
Mid-Term Industry Forecast
(Visit Our Website www.futurehorizons.com for Further Details & Registration)

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The Global Semiconductor Monthly Report November 2022

Q3 Was Down 6.3% vs. Q2
The Market Meltdown Is Now In Full Flow

Over 33 years As *THE* Authoritative Industry Scorekeeper, With An Exemplary Track Record Of Accuracy & Calling The Trends Right ...

- ☑ Nov 2016 - Correctly Called Double Digit Upturn In 2018
- ☑ Apr 2020 - Correctly Called 'Stay Calm' Advice Re Covid-19 Lockdown Impact
- ☑ Sep 2020 - Correctly Called 2021 Double-Digit Growth, With 24% Upside
- ☑ Sep 2020 - Correctly Called Systemic & Widespread Shortages Throughout 2021-22
- ☑ Dec 2021 - Correctly Warned Of 2H-2022 Market Downturn
- ☑ May 2022 - Warned Of Negative 22% Growth In 2023

Mark Your Diary Now
"IFS2023 Industry Update Webinar" - Jan 17, 2023"
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The Global Semiconductor Monthly Report February 2023

It's Just A Normal Cycle ...
Time For Clear Heads & Calm

Over 33 years As *THE* Authoritative Industry Scorekeeper, Best In Class Track Record Of Consistently Calling The Trends Right ...

- ☑ Nov 2016 - Correctly Called Double Digit Upturn In 2018
- ☑ Apr 2020 - Correctly Called 'Stay Calm' Advice Re Covid-19 Lockdown Impact
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Proceedings & Video Link Now Available
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The Global Semiconductor Monthly Report August 2023

The Recovery Has Started ...
And It's Off To A Great Start

Over 34 years As *THE* Authoritative Industry Scorekeeper, With An Exemplary Record Of Accuracy & Calling The Trends Right ...

- ☑ Nov 2016 - Correctly Called Double-Digit Upturn In 2018
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- ☑ Mar 2022 - Correctly Warned Of Double Digit Negative Growth In 2023

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12 Sep 2023 Industry Update Webinar
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The Global Semiconductor Monthly Report

Future Horizons has developed an **unparalleled industry database** addressing **markets, technologies** and **supply** in every significant area. With services ranging from **bespoke industry studies** to **monthly and quarterly industry updates** and **forecasts** as well as **deep dive reports** on **key strategic issues** on **what drives the industry**.

Wally Rhines, SemiWiki Podcast EP70, 8 Apr 2022 – “Malcolm has the longest history in the industry of anyone who is still publicly active in reporting data so you need to listen to him he’s seen a lot of cycles.”

A **C-Suite favourite**, the **Global Semiconductor Monthly Report** provides monthly **analysis** and **commentary** on the **global semiconductor industry** and the future **market outlook** and **forecast**.

Malcolm Penn, Founder & CEO, Future Horizons – “We pride ourselves on the integrity of our work and the rigour and discipline employed in everything we do, not least of which is our commitment to accurate, impartial and trusted information.”

Founded in 1989 Future Horizons is the **premier IT & Semiconductor industry watcher**. Its focused **expert team** has almost **300 years’ experience** of the industry, starting from the **first commercial IC**.

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Future Horizons provides such **Trusted independent, Market Research** and **Industry Analysis** services and **Consultancy** support.

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The Global Semiconductor Industry Analyst

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- About FH

Plus ... Ask The Analyst

- ✓ **Got a question** on the information in this month's Report?
- ✓ **Need** more information on what we've said?
- ✓ **Don't agree** with our conclusions?

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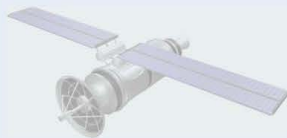


**34 Years Of Service
Founded April 1989**

**6th Decade
Of Semiconductor
Industry Experience**

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Started With The First
Commercial IC**

**Detailed Analysis
plus
The Reasons Why**



Established in April 1989, Future Horizons provides market research, technical appraisal and industry analysis for use in due diligence opportunity assessment, business planning and new market development. Its industry information seminars and forums are widely considered to be the best of their kind. Emphasis is placed on the worldwide microelectronics and associated electronics industry and European market environment.



Malcolm Penn is the founder and CEO of Future Horizons, with over 50 years experience in all aspects of the IT industry, from semiconductors to end-electronics equipment; advance research to manufacturing and applications together with an extensive network of C-level industry contacts. He has worked extensively throughout Europe as well as in the United States, the former USSR, Japan and Korea, and was an early pioneer of pan-European research and product development collaboration in the 1970s during his tenure with ITT Europe.

His wide range of experience includes brokering partnerships and helping firms develop their joint activity relationships. Prior to establishing Future Horizons, he held various operations, marketing and business development positions in the semiconductor and IT industry having worked his way through university as a professional musician.



Mike Bryant is Future Horizons CTO. With more than 40 years in the electronics industry, he is an experienced RF and analogue/mixed signal IC design engineer, specialist in providing IC design and consultancy services on hardware and systems design partitioning, software and digital signal processing design methodology and implementation. Recognising the convergence of many software and digital hardware design techniques, Mike was one of the first in Europe to use HDL and

logic synthesis exclusively for all logic design

In an era dominated by an abundance of 'free' web-based information and an infinite permutation of 'expert' opinions, from PR hype to bloggers, Future Horizons offers a high-quality, unbiased, flexible information-based service with justified analyses for key industry decision makers. For all of your semiconductor-based business development needs ...

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