# What You Can Learn from the World's Leading Innovators

A LexisNexis webinar,
in cooperation with IAM / Lexology

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# 'What You Can Learn from the World's Leading Innovators'

## Today's agenda

- **Introduction of the report and methodology**
  Innovation Momentum 2022: The Global Top 100

- **View on the metrics used in the report**
  why this report / what makes it different from other reports out there?

- **Why are InterDigital and Infineon on our Global Top 100 list?**
  what are they doing differently from their competitors / from benchmark companies?

- **Q&A**

# 'What You Can Learn from the World's Leading Innovators'

**Today's speakers**



**Gil Perlberg**
Independent IP
Development Executive

**Peter Berg**
Senior VP Intellectual
Property, Infineon
Technologies AG

**Christos Ioannidi**
Head of Portfolio Strategy
InterDigital, Inc.

**William Mansfield**
Head of Consulting and Customer
Success, LexisNexis®

# Innovation Momentum 2022: The Global Top 100

Who is leading the innovation race? Find out in the "Innovation Momentum 2022: The Global Top 100" report

To uncover forward-thinking patent development and spotlight true technological contemporaries across industries, a first-ever report measuring the dynamics of innovative strength over the last two years and recognizing technology owners who outperform their peers is now available. The result is a more inclusive list of innovators, capturing not only mature multinational innovators but also small start-ups with early disruptive innovation.

**In the report, you will find:**

- An explanation of the new methodology used to determine the list.

- The complete list of the most innovative companies across the globe

- A breakdown of the industries experiencing the most innovation activity.

- A regional analysis of innovation

- A deep dive into 3 highly innovative industries.



Intellectual Property Solutions

Innovation Momentum 2022:
The Global Top 100

Intellectual Property Report

LexisNexis

# Motivation

The Motivation for the **Innovation Momentum** development is to have a method to **identify patent portfolios with a high momentum in its development** over time which

- is wholly transparent, building on the Patent Asset Index methodology

- captures year-on-year changes to portfolios

- identifies young, strong, small patent portfolios

- identifies large, well maintained patent portfolios

- is applicable to different categories like technologies, industries, patent owners, or geographical regions
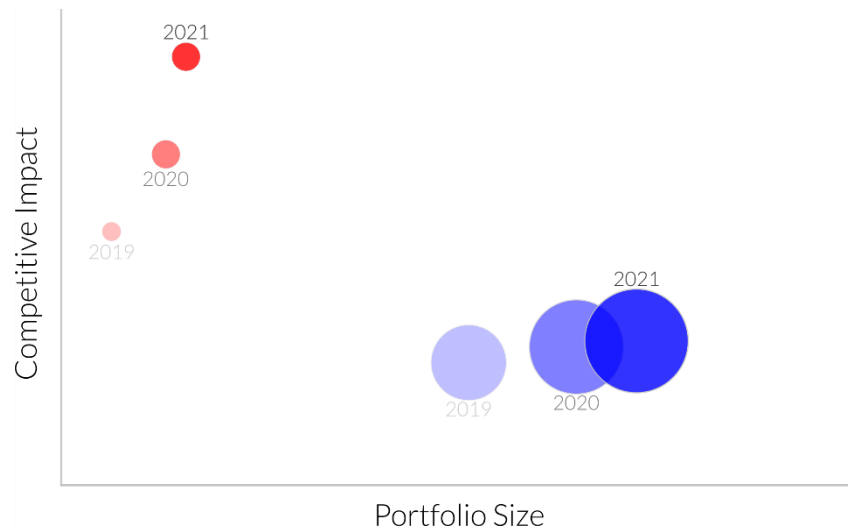
# The Methodology: Based on the Patent Asset Index™

**Technology Relevance**

**Market Coverage**

Objective, transparent, and scientifically validated

**Competitive Impact**

Individual strength of a patent family

**Patent Asset Index™**

Innovative strength of a patent portfolio

# The Methodology

# The Methodology



$$TR_2 - \frac{TR_1 \times PS_1 + (PS_2 - PS_1) \times 1}{PS_2}$$
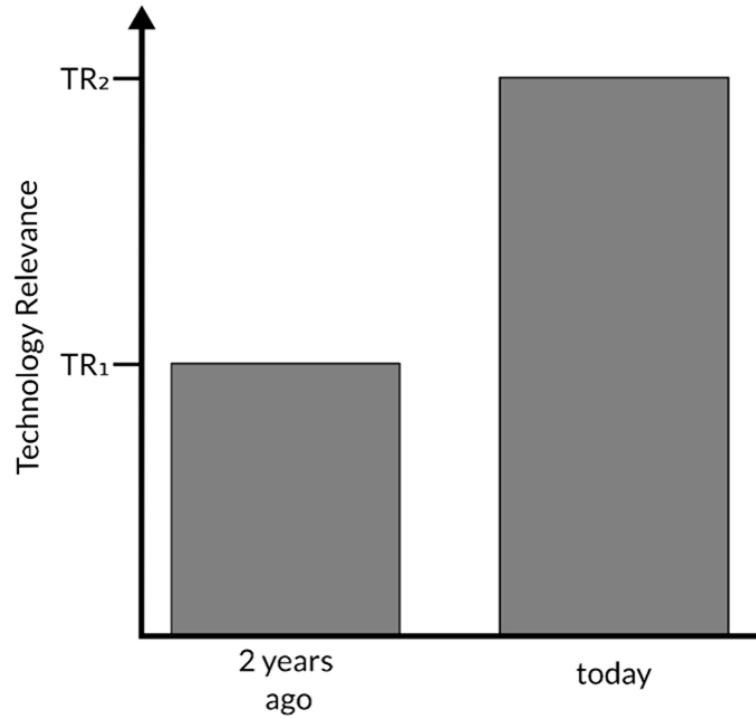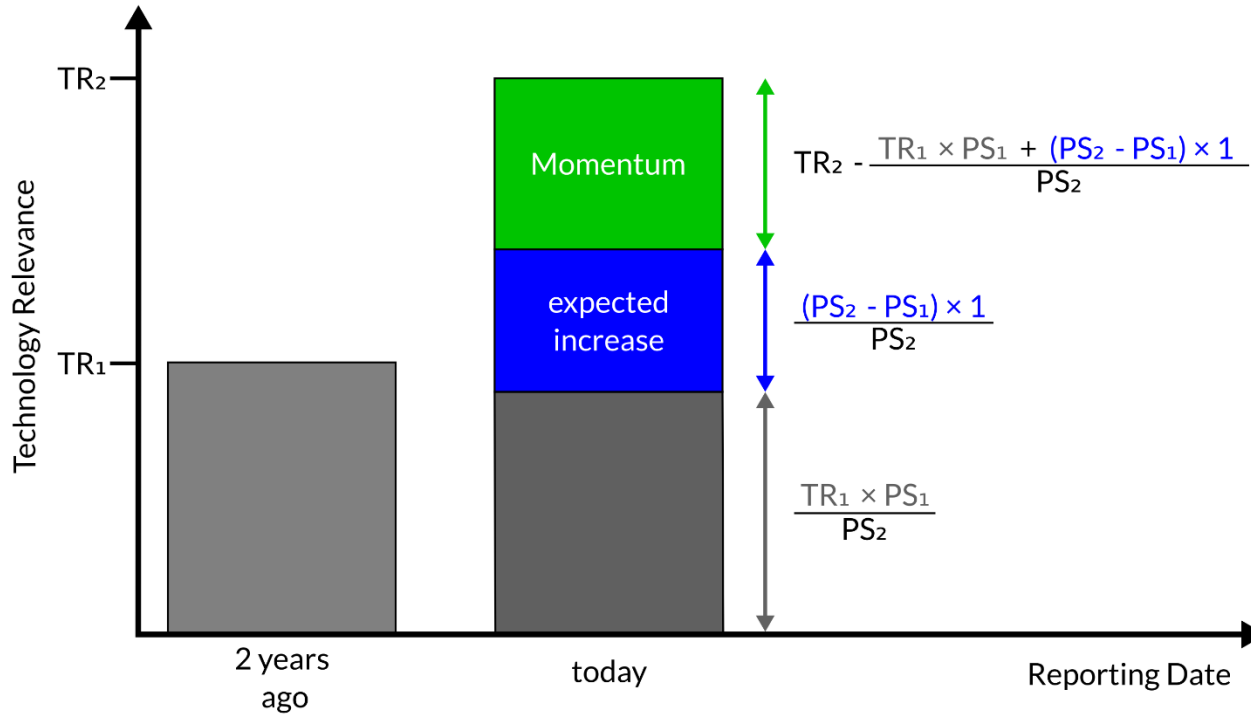
The Innovation Momentum is the portion exceeding the expectations.

$$\frac{(PS_2 - PS_1) \times 1}{PS_2}$$

Expected change in Technology Relevance based on change in Portfolio Size and database average Technology Relevance

$$\frac{TR_1 \times PS_1}{PS_2}$$

The Technology Relevance from 2 years ago in today's terms

PS = Portfolio Size (number of active patent families)
TR = Technology Relevance (citation-based value indicator)
MC = Market Coverage (coverage-based value indicator)

# The Methodology
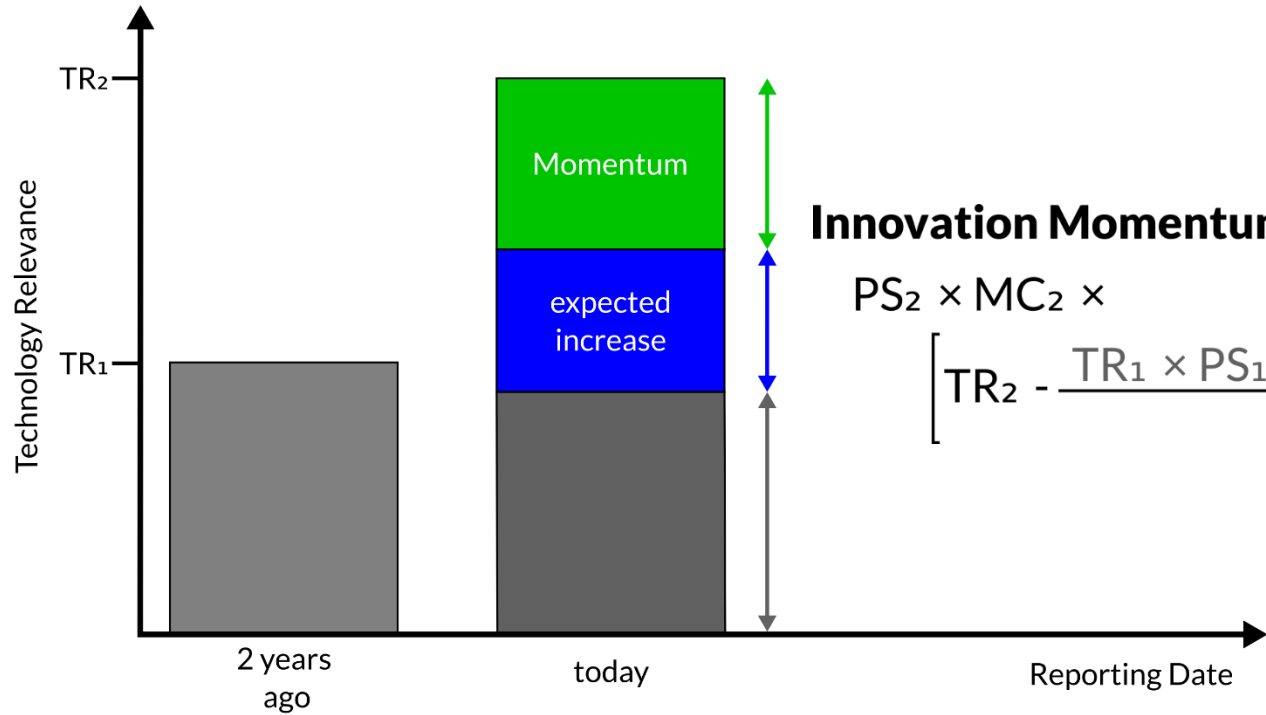


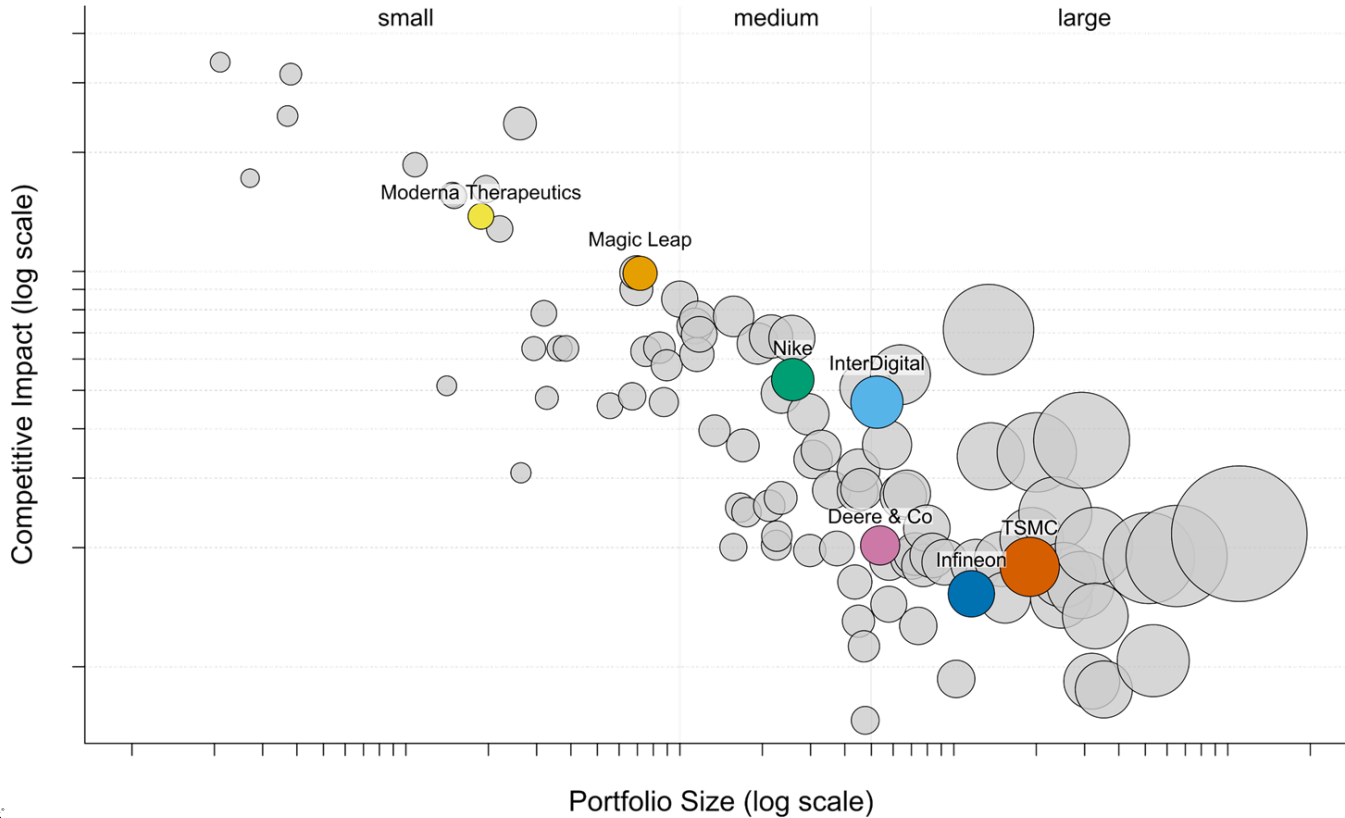**Innovation Momentum =**

$$PS_2 \times MC_2 \times \left[ TR_2 - \frac{TR_1 \times PS_1 + (PS_2 - PS_1) \times 1}{PS_2} \right]$$

PS = Portfolio Size (number of active patent families)
TR = Technology Relevance (citation-based value indicator)
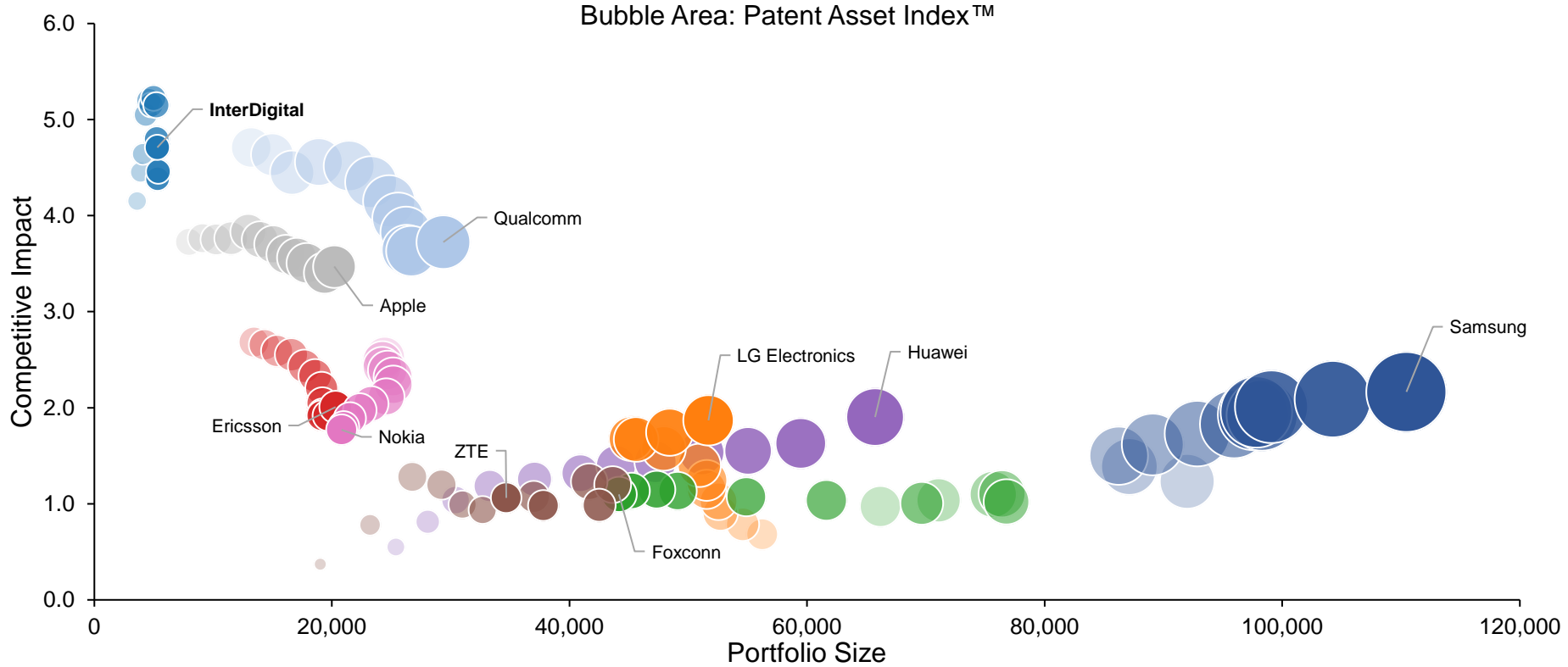MC = Market Coverage (coverage-based value indicator)
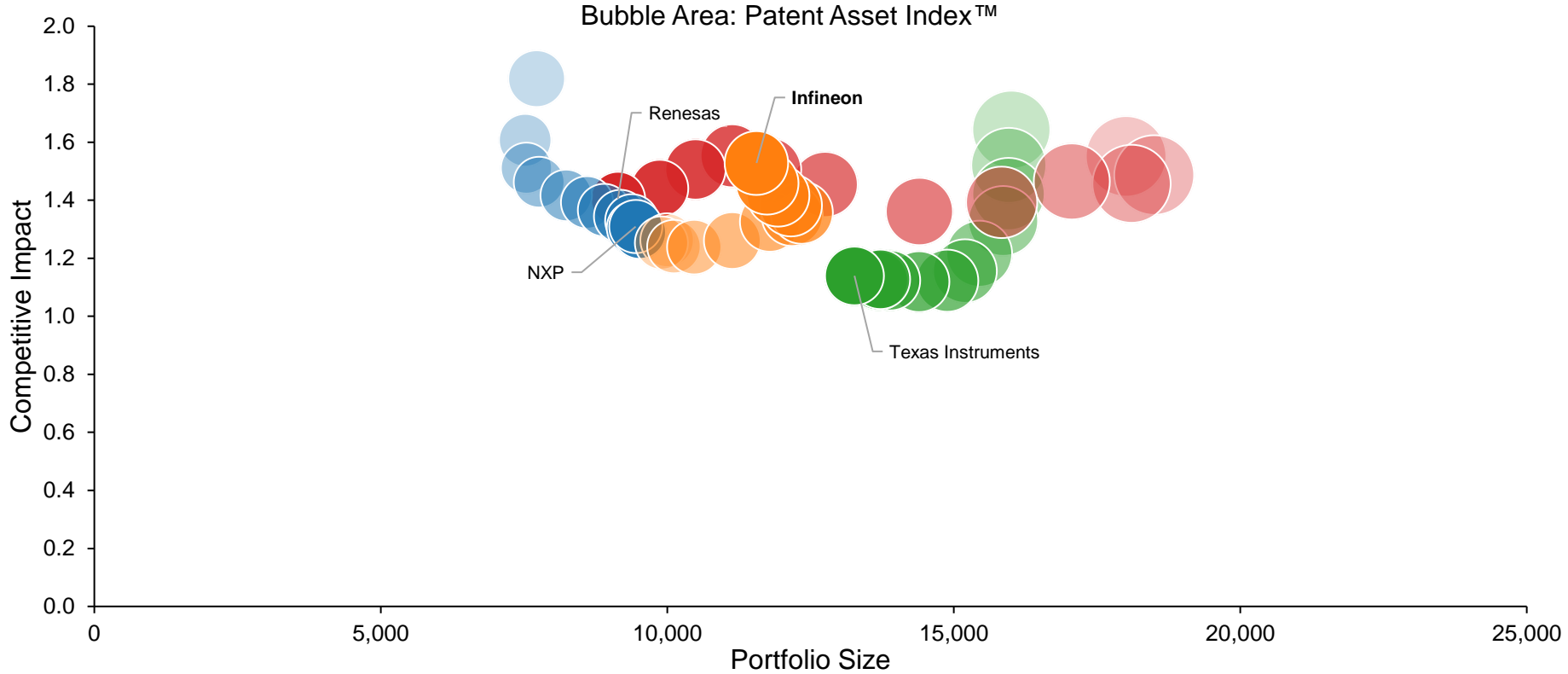
# The Top 100 Quality vs Quantity

What is your view on the metrics used in the report, and how does your organization use such metrics internally?

Why is your organization doing differently from other companies to be ranked in the top 100?

# InterDigital's Competitive Landscape



Bubble Area: Patent Asset Index™

Chart plotting Competitive Impact (y-axis, 0.0 to 6.0) against Portfolio Size (x-axis, 0 to 120,000). Labeled companies: InterDigital, Qualcomm, Apple, Ericsson, Nokia, ZTE, Foxconn, LG Electronics, Huawei, Samsung.

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# Infineon's Competitive Landscape



Bubble Area: Patent Asset Index™

Chart plotting Competitive Impact (y-axis, 0.0 to 2.0) against Portfolio Size (x-axis, 0 to 25,000). Labeled bubbles: **Infineon**, Renesas, NXP, Texas Instruments.

Q&A

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