

# Dr. Jacob Sharony, Ph.D., MBA

## Wireless & Mobile Technology Expert Witness

<p><b>~60</b> EXPERT ENGAGEMENTS</p>	<p><b>37</b> IPR / PTAB PROCEEDINGS</p>	<p><b>18</b> MATTERS DEPOSED</p>	<p><b>Trial</b> JURY, ITC &amp; ARBITRATION</p>	<p><b>50+</b> U.S. PATENTS</p>	<p><b>35+</b> YEARS IN WIRELESS</p>
--	---	--------------------------------------	---	------------------------------------	---

### PROFESSIONAL SUMMARY

Dr. Jacob Sharony is a wireless and mobile technology expert witness and principal consultant of Mobius Consulting. Over more than a decade he has served in nearly 60 expert engagements, including 37 inter partes review (IPR) proceedings before the USPTO Patent Trial and Appeal Board and an ex parte reexamination, deposition testimony in 18 matters, jury trial testimony in the Eastern District of Texas, ITC Section 337 hearing testimony (Inv. No. 337-TA-1278), two UNCITRAL arbitration hearings, and a UK High Court expert report. He has been retained by petitioners and patent owners and by plaintiffs and defendants. His technical expertise spans Wi-Fi/IEEE 802.11, 5G/LTE and 3GPP cellular standards, Bluetooth/BLE, and RFID/NFC/RTLS, with particular depth in RF location and asset tracking.

### TECHNOLOGY COVERAGE & REPRESENTATIVE MATTERS

<p><b>Wi-Fi / IEEE 802.11</b></p> <p>802.11a/b/g/n/ac/ax/be (Wi-Fi 4-7), OFDMA, MU-MIMO, beamforming, MAC, roaming, security; standards drafts as prior art.</p> <p><i>Intel &amp; Ruckus v. Hera Wireless — 13 IPRs (802.11)</i></p>	<p><b>5G / LTE / Cellular</b></p> <p>5G NR, 5G-Advanced, LTE/LTE-A, 3GPP standards mapping, SEP essentiality and FRAND technical analysis.</p> <p><i>Pegasus Wireless, IPR2025-00083 (5G NR); Philips v. HTC (UK SEP)</i></p>
<p><b>Bluetooth / BLE</b></p> <p>Bluetooth Classic and BLE, beacons, pairing and security, profiles, Wi-Fi coexistence; inventor on a coexistence patent.</p> <p><i>BillJCo v. Cisco (E.D. Tex.) &amp; v. Apple (W.D. Tex.) — BLE beacons</i></p>	<p><b>RFID / NFC / RTLS</b></p> <p>Passive/active RFID, EPC Gen2, NFC, real-time location and asset tracking; named inventor on 10+ patents in RF location.</p> <p><i>Zebra v. OnAsset (ITC 337-TA-1278); IV II v. FedEx (jury trial)</i></p>

### CREDENTIALS & BACKGROUND

- Ph.D., Electrical Engineering, Columbia University; MBA, Tel Aviv University
- Adjunct Professor of Electrical Engineering, Columbia University
- Life Senior Member, IEEE; 2,700+ scholarly citations
- 50+ issued/pending U.S. patents (10+ in RF location & tracking)
- Sr. Director R&D, Motorola/Symbol Technologies (8 yrs)
- VP Innovation, Powerwave Technologies; Director, SUNY CEWIT

### SERVICES

- Expert reports, rebuttal reports, and declarations
- Deposition, trial, ITC, and arbitration testimony
- Infringement / non-infringement & validity / invalidity analysis
- Prior art search and analysis (3GPP, IEEE 802.11, Bluetooth SIG)
- Claim construction support and claim charts
- SEP essentiality, FRAND technical analysis, source-code review