**SCOPE**

This report brings together current use data and four-year forecasts for Mobile Users, Mobile Devices (i.e. phones and tablets), Mobile Operating Systems, Mobile Email Users, Mobile Texting and Mobile Messaging use. It includes data on business and consumer mobile adoption.

All of the numbers in this study represent worldwide figures, unless otherwise indicated. Any financial data is expressed in $USD.

Regional breakouts are provided for: North America, Europe, Asia Pacific, and Rest of World. This report does not contain country breakouts but these may be obtained from The Radicati Group at an extra charge.

Installed base numbers throughout this report represent *active* users and/or accounts (i.e. active at least once within the last 3 months).

**METHODOLOGY**

The information and analysis in this report is based on primary research conducted by The Radicati Group, Inc. Our proprietary methodology combines information derived from three principal sources:
a. Our Worldwide Database which tracks user population, seat count, enterprise adoption and IT use from 1993 onwards.

b. Surveys conducted on an on-going basis in all market areas which we cover.

c. Market share, revenue, sales and customer demand information derived from vendor briefings.

Forecasts are based on historical information as well as our in-depth knowledge of market conditions and how we believe markets will evolve over time.

Finally, secondary research sources have also been used, where appropriate, to cross-check all the information we collect. These include company annual reports and other financial disclosures, industry trade association material, published government statistics and other published sources.

Our research processes and methodologies are proprietary and confidential.

**EXECUTIVE SUMMARY**

- Mobile use continues to see strong growth with business and consumer users on a worldwide basis. Mobile devices (both phones and tablets) are increasingly used to communicate via voice, email, chat, text, instant messaging, social media, and video conferencing.

- The number of mobile users is expected to exceed 7.1 billion in 2021, and grow to nearly 7.5 billion by year-end 2025.

  - The total number of mobile devices, including both phones and tablets will be over 14.9 billion at the end of 2021. The number of mobile devices exceeds the number of users, as many users have more than one device. By year-end 2025, we expect the total number of mobile devices in use to be over 18.2 billion.
<table>
<thead>
<tr>
<th></th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
<th>2025</th>
</tr>
</thead>
<tbody>
<tr>
<td>Worldwide Mobile Users (M)</td>
<td>7,101</td>
<td>7,255</td>
<td>7,332</td>
<td>7,410</td>
<td>7,488</td>
</tr>
<tr>
<td>Total Mobile Devices* (M)</td>
<td>14,913</td>
<td>15,961</td>
<td>16,804</td>
<td>17,723</td>
<td>18,221</td>
</tr>
<tr>
<td>Mobile Devices Per Business User</td>
<td>2.10</td>
<td>2.20</td>
<td>2.29</td>
<td>2.39</td>
<td>2.43</td>
</tr>
</tbody>
</table>

Table 1: Worldwide Mobile Users vs. Mobile Devices, 2021–2025

(*) Note: Includes phones and tablets.

- Mobile Messaging services (e.g. WhatsApp, WeChat, Viber and many others) include a wide range of features that allow mobile-centric users to enjoy the same instant messaging experience that was once only attainable on a desktop client. Users are becoming more dependent on mobile devices for communication. Mobile Messaging services allow users to send messages with pictures, videos, or other non-text data. Many Mobile Messaging services also allow users to engage in one-to-one, or group video conferencing.

To view the complete Table of Contents for this report, visit our website at www.radicati.com.