

---

## TABLE OF CONTENTS

<b>1. EXECUTIVE SUMMARY .....</b>	<b>3</b>
1.1 Key Findings.....	4
1.2 Report Outline .....	5
<b>2. FOG COMPUTING &amp; THE CORE NETWORK .....</b>	<b>6</b>
2.1 Welcome to the World of Zero Latency.....	6
2.2 The Rise of Distributed Predictive Policy & Analytics.....	7
2.3 The Impact of Open Source & Microservices .....	7
2.4 Cloud Convergence.....	7
<b>3. FOG COMPUTING &amp; THE MOBILE NETWORK .....</b>	<b>9</b>
3.1 Market View – the Reality.....	9
3.2 Market View – the Hype .....	10
3.3 Mobile Network Assets .....	10
3.4 Devices – Handsets as Fog Resource .....	11
<b>4. FOG COMPUTING &amp; THE DATA CENTER.....</b>	<b>12</b>
<b>5. IOT: THE CATALYST FOR FOG .....</b>	<b>14</b>
5.1 Disentangling M2M .....	14
5.2 IoT & the Edge.....	15
5.3 The Virtual Edge .....	15
5.4 Cloudlets & Fog .....	16
5.5 IoT Ecosystems Drive the OpenFog Consortium .....	16
5.6 Fog Enables IoT .....	18
5.7 Enterprise Network Management.....	19
5.8 CSPs Embrace Fog as a Value-Added Opportunity .....	19
5.9 Is IoT the Catalyst for Fog, or the Other Way Round? .....	20
<b>6. FOG SECURITY: THE RISE OF THE FOURTH DOMAIN .....</b>	<b>21</b>
<b>TERMS OF USE.....</b>	<b>25</b>

Use of this PDF file is governed by the terms and conditions stated in the license agreement included in this file. Any violation of the terms of this agreement, including unauthorized distribution of this file to third parties, is considered a breach of copyright. Heavy Reading will pursue such breaches to the full extent of the law. Such acts are punishable in court by fines of up to \$100,000 for each infringement.

For questions about subscriptions and account access, please contact [support@heavyreading.com](mailto:support@heavyreading.com).

For questions and comments about report content, please contact Heavy Reading at [reports@heavyreading.com](mailto:reports@heavyreading.com).