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Description:
As consumer voice and data service revenues reach their saturation point, mobile operators are keen to capitalize on other avenues to drive revenue growth. One such opportunity is providing network connectivity for M2M (Machine to Machine) devices like smart meters, connected cars and healthcare monitors. Despite its low ARPU, M2M connectivity has opened a multi-billion dollar revenue opportunity for mobile operators, MVNOs and service aggregators, addressing the application needs of several verticals markets. By enabling network connectivity among physical objects, M2M has also initiated the IoT (Internet of Things) vision - a global network of sensors, equipment, appliances, smart devices and applications that can communicate in real time.

Another key opportunity is the monetization of wearable technology. Mobile device OEMs are aggressively investing in wearable devices, in order to offset declining margins in their traditional smartphone and tablet markets. As a result, the market has been flooded with a variety of smart bands, smart watches and other wearable devices capable of collecting, sending and processing data over mobile applications.

Eyeing opportunities to route huge volumes of traffic from these wearable devices, many service providers are now seeking to fit wearable technology with their M2M offerings, targeting both consumer and vertical markets. SNS Research expects that M2M and wearable devices can help IoT service providers pocket as much as $231 Billion in service revenue by the end of 2020, following a CAGR of 40% between 2015 and 2020.

Spanning over 1,110 pages, the "M2M, IoT & Wearable Technology Ecosystem: 2015 – 2030 - Opportunities, Challenges, Strategies, Industry Verticals and Forecasts" report package encompasses two comprehensive reports covering M2M, IoT and wearable technology:


This report package provides an in-depth assessment of the M2M, IoT and wearable technology ecosystem including enabling technologies, key trends, market drivers, challenges, vertical market applications, deployment case studies, collaborative initiatives, regulatory landscape, standardization, opportunities, future roadmap, value chain, ecosystem player profiles and strategies. The report also presents market size forecasts from 2015 till 2030. The forecasts are
segmented into vertical, regional, technology and country submarkets.

The report package comes with an associated Excel datasheet suite covering quantitative data from all numeric forecasts presented in the two reports.

**Topics Covered:**

The report package covers the following topics:
- M2M, IoT and wearable technology ecosystem
- Market drivers and challenges
- Enabling technologies and key trends
- Network architecture and mobile operator business models
- Applications, opportunities and deployment case studies for a range of vertical markets including automotive & transportation, asset management & logistics, consumer, energy & utilities, healthcare, home automation, intelligent buildings & infrastructure, military, professional sports, public safety & security, retail and hospitality
- Regulatory landscape, collaborative initiatives and standardization
- Industry roadmap and value chain assessment
- Profiles and strategies of over 600 leading ecosystem players including enabling technology providers, wearable/M2M device OEMs, mobile operators, MVNOs, aggregators, IoT platform providers, system integrators and vertical market specialists
- Strategic recommendations for ecosystem players
- Market analysis and forecasts from 2015 till 2030

**Key Questions Answered:**

The report package provides answers to the following key questions:
- How big is the M2M, IoT and wearable technology ecosystem?
- What trends, challenges and barriers are influencing its growth?
- How is the ecosystem evolving by segment and region?
- What will the market size be in 2020 and at what rate will it grow?
- Which regions, countries and verticals will see the highest percentage of growth?
- Who are the key market players and what are their strategies?
- How will M2M and wearable devices drive investments in cloud based IoT platforms, Big Data, analytics, network security and other technologies?
- What are the growth prospects of cellular, satellite, LPWA, wireline and short range networking technologies?
- What are the key applications of M2M, IoT and wearable technology across industry verticals?
- How can mobile operators capitalize on the growing popularity of smart glasses and other
wearable devices?
- What strategies should enabling technology providers, wearable/M2M device OEMs, mobile operators, MVNOs, aggregators, IoT platform providers and other ecosystem players adopt to remain competitive?

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Companies Mentioned:

1. 3GPP (3rd Generation Partnership Project)
2. 3L Labs
3. 4DForce
4. 4iii Innovations
5. 9Solutions
6. ABB Group
7. Abbot Laboratories
8. Accenture
9. Aclara Technologies
10. AcousticSheep
11. Actility
12. Active Mind Technology
13. Adidas
14. ADT Corporation
15. Aeris Communications
16. AgaMatrix
17. AIOTI (Alliance for Internet of Things Innovation)
18. Airbiquity
19. Airbus Group
20. AirType
21. Alcatel-Lucent
22. Allegion
23. AllSeen Alliance
24. Altair Semiconductor
25. Amazon
26. Amazon.com
27. Ambit Networks
28. AMCi Wireless
29. AMD (Advanced Micro Devices)
30. América Móvil
31. Amiigo
32. Amulyte
33. Animas
34. Ansaldo STS
35. Apple
36. ARA (Applied Research Associates)
37. Archos
38. Arduino
39. ARIB (Association of Radio Industries and Business, Japan)
40. Arkessa
41. ARM Holdings
42. Arqiva
43. Arrayent
44. Arynga
45. Asahi Kasei Group
46. ASUS (ASUSTeK Computer)
47. ASX
48. AT&T
49. AT&T Mobility
50. Atellani
51. Atheer Labs
52. ATIS (Alliance for Telecommunications Industry Solutions, U.S.)
53. Atlas Wearables
54. Atos SE (Societas Europaea)
55. Augmendix
56. Augtek
57. Autodesk
58. Avago Technologies
59. Avegant
60. Avery Dennison
61. AVG
62. Avnet-Memec
63. AWS (Amazon Web Services)
64. Axiros
65. Ayla Networks
66. Azeti Networks
67. B&B Electronics
68. BAE Systems
69. Baidu
70. Barclays
71. Basis Science
72. Beddit
73. Behavioral Technology Group
74. BI
75. BIA Sport
76. Bionym
77. Biosensics
78. BIT (Blue Infusion Technologies)
79. Bitbanger Labs
80. BlackBerry
81. Blocks Wearables
82. Bluetooth SIG (Special Interest Group)
83. Bluetooth Special Interest Group
84. BodyMedia
85. bOMDIC
86. Bondara (Nagook)
87. Bosch
88. Boston Scientific Corporation
89. Bouygues Group
90. Bouygues Telecom
91. BP
92. BRAGI
93. Breitling
94. Brilliantservice
95. Broadcom Corporation
96. Brother Industries
97. Brunel University
98. BSX Atheletics
99. BSX Insight
100. BT Group
101. BTS Bioengineering
102. Buhel
103. CalAmp
104. Cambridge Temperature Concepts
105. Camelot Group
106. Cantaloupe Systems
107. Carre Technologies
108. Casio
109. Catapult Sports
110. CCSA (China Communications Standards Association)
111. Cellwize
112. CGI Group
113. China Mobile
114. China Telecom
115. China Unicom
116. Cirrus Logic
117. Cisco Systems
118. Citizen
119. Cityzen Sciences
120. ClearBlade
121. CloudCar
122. Codoon
123. Comcast Corporation
124. CommandWear
125. CompeGPS
126. Concirrus
127. Connect America
128. Connect One
129. ConnecteDevice
130. Continental
131. Control VR
132. Cool Shirt Systems
133. CoSwitched
134. Covidien
135. Covisint
136. CradlePoint
137. Creaholic
138. Creoir
139. CSR
140. Ctek
141. Cubic Telecom
142. Cuff
143. Cumulocity
144. Cyberdyne
145. DAQRI
146. DARPA (Defense Advanced Research Projects Agency)
147. DASH7 Alliance
148. DataOnline
149. Davra Networks
150. Dell
151. Delphi
152. Device Insight
153. Diesel
154. Digi International
155. DK Tek Innovations
156. DKNY
157. DNA
158. DorsaVi
159. Dreamtrap Commercials
160. DT (Deutsche Telekom)
161. Dubai Police
162. Durex
163. E Ink Holdings
164. EB Sport Group
165. Echelon Corporation
166. EdanSafe
167. EE
168. Ekso Bionics
169. Elbrys Networks
170. Electric Foxy
171. Elisa
172. Elster EnergyICT
173. EMC Corporation
174. Emotiv Systems
175. Enjoy S.R.L
176. EnVerv
177. Epson (Seiko Epson Corporation)
178. Ericsson
179. Eseye
180. ETSI (European Telecommunications Standards Institute)
181. Eurotech
182. Evena Medical
183. Everfind
184. Exelis
185. EyeTap
186. Facebook
187. FaltCom Communications
188. FashionTEQ
189. Fat Shark
190. Fatigue Science
191. FDA (U.S. Food and Drug Administration)
192. Fedex
193. Filip Technologies
194. Finis
195. FitBark
196. Fitbit
197. Fitbug
198. FitLinxx
199. FLASHNET
200. Fleetmatics Group
201. Flexeye
202. Flextronics
203. Flyfit
204. Force Impact Technologies
205. Fossil
206. Foxtel
207. Franklin Wireless
208. Free Wavz
209. Freescale Semiconductor
210. FreeWave Technologies
211. Fujitsu
212. G4S
213. Garmin
214. GE (General Electric)
215. GEAK
216. Gemalto
217. General Dynamics Corporation
218. General Dynamics Mission Systems
219. GEO Group
220. Geopalz
221. Georgia Institute of Technology
222. GestureLogic
223. Ginger.io
224. Given Imaging
225. GlassUp
226. Glofaster
227. GMA (Global M2M Association)
228. GN Netcom
229. GN Store Nord
230. Google
231. GoPro
232. GOQii
233. GSMA
234. Gucci
235. Guess
236. H&D Wireless
237. Harman International Industries
238. Harris Corporation
239. HealBe
240. HereO
241. HGI (Home Gateway Initiative)
242. Hitachi
243. Hollywog
244. Honeywell International
245. House of Horology
246. Hovding
247. HP (Hewlett-Packard Company)
248. HSBC
249. HTC
250. Huawei
251. HyperCat Consortium
252. Hyundai
253. I.am+
254. i’m SpA
255. i4C Innovations
256. IAMAS (Japanese Institute of Advanced Media Arts and Sciences)
257. IBM
258. ICEdot
259. ICON Health and Fitness
260. iControl Networks
261. IDENTEC GROUP
262. IEC (International Electrotechnical Commission)
263. IEEE (Institute of Electrical and Electronics Engineers)
264. IETF (Internet Engineering Task Force)
265. iHealth Lab
266. IIC (Industrial Internet Consortium)
267. iLOC Technologies
268. Imagination Technologies
269. IMC (IoT M2M Council)
270. Imec
271. Immerz
272. Ineda Systems
273. InfinitEye
274. InfoSys
275. Ingenico Group
276. Ingenie
277. Ingenu
278. Inmarsat
279. Innovega
280. Instabeat
281. INSYS Microelectronics
282. Intel Corporation
283. InteraXon
284. InterDigital
285. Intersections
286. Intersil Corporation
287. Invensense
288. Inventek Systems
289.iotera
290. IPSO (Internet Protocol for Smart Object) Alliance
291. iRhythm
292. Iridium Communications
293. Iron Will Innovations
294. Iskraemeco
295. ISO (International Organization for Standardization)
296. ITAMCO (Indiana Technology and Manufacturing Companies)
297. Itron
298. ITT Corporation
299. ITU (International Telecommunications Union)
300. iWOW Connections
301. Jabra
302. Jasper Technologies
303. Jawbone
304. Jaybird
305. Johnson & Johnson
306. Kairos Watches
307. Kapture
308. KDDI Corporation
309. Kerlink
310. Keysight Technologies
311. Ki Performance
312. Kiwi Wearable Technologies
313. KMS Solutions
314. KORE Wireless Group
315. KoruLab
316. KPN
317. Kreyos
318. Kronoz
319. KT Corporation
320. Kyocera Corporation
321. L-3 Communications
322. L-3 Mobile-Vision
323. Laird
324. Landis+Gyr
325. Lantronix
326. Lark Technologies
327. Laster Technologies
328. LeapFrog Enterprises
329. Lechal
330. Legrand
331. Lenovo
332. LG Electronics
333. LG Uplus
334. Libelium
335. LifeBEAM
336. LifeLogger Technologies Corporation
337. Lijiang Police
338. Limmex
339. Link Labs
340. Liquid Image
341. Lockheed Martin
342. LogBar
343. LoRA Alliance
344. LOSTnFOUND
345. Loughborough University
346. LS Cable & System
347. LSR (LS Research)
348. Lumafit
349. Lumo BodyTech
350. Lumus
351. Luxottica
352. M2COMM (M²Communication)
353. M2M Alliance
354. M2M Data Corporation
355. M2M DataSmart
356. M2M Spectrum Networks
357. M2M Wireless
358. M2M World Alliance
359. M2Mi (Machine-to-Machine Intelligence Corporation)
360. Mad Apparel
361. Magellan (MiTAC Digital Corporation)
362. Martian Watches
363. Marvell Technology Group
364. Masternaut
365. Matilde
366. Mavaco
367. Maxim Integrated
368. MC10
369. McLear
370. MediaTek
371. Medtronic
372. Melon
373. Memi
374. Mesh Systems
375. META
376. Meta Watch
377. MIC (MiTAC International Corporation)
378. Microchip Technology
379. Microsemi Corporation
380. Microsoft
381. Microtronics
382. Miele
383. MindStream
384. Mio Global
385. Misfit Wearables
386. MiTAC International
387. Mobility Development Group
388. Modacom
389. Moff
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397. **Movable**
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407. **Narrative**
408. **Navman Wireless**
409. **NEC Corporation**
410. **Neoway**
411. **Neptune**
412. **Nest Labs**
413. **Netatmo**
414. **NetComm Wireless**
415. **NetModule**
416. **NeuroPro**
417. **NeuroSky**
418. **New Balance**
419. **NextM2M**
420. **NGM2M (New Generation M2M) Consortium, Japan**
421. **Nike**
422. **Nintendo**
423. **Nissan**
424. **Nixie Labs**
425. **Nixon**
426. **NJSP (New Jersey State Police)**
427. **Nod**
428. **Nokia**
429. **Notch Interfaces**
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440. OASIS (Organization for the Advancement of Structured Information Standards)
441. Oberthur Technologies
442. Oculus VR
443. ODG (Osterhout Design Group)
444. OIC (Open Interconnect Consortium)
445. Olive Labs
446. OMA (Open Mobile Alliance)
447. Omate
448. Omega
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463. ORBCOMM
464. OrbiWise
465. OrCam Technologies
466. OriginGPS
467. Orion Labs (OnBeep)
468. Orpyx Medical Technologies
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470. Owlet Baby Care
471. Palomar Health
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473. Paris Miki Holdings
474. Parsons Corporation
475. Parvus
476. Pebble
477. Pedigree Technologies
478. Peiker
479. Pepsi
480. Perceptive Devices
481. Performance Sports Group
482. Perpetua Power Source Technologies
483. PFO Tech
484. Philips
485. PHTL (PH Technical Labs)
486. Phyode
487. Pivothead
488. Pixie Scientific
489. Plantronics
490. PLAT.ONE
491. Playtabase
492. Plextek
493. PNI Sensor Corporation
494. Polar Electro
495. Pragmasystems
496. Praxair
497. Prevas
498. Preventice
499. Proteus Digital Health
500. PTC
501. PUSH Design Solutions
502. Qardio
503. Qivicon
504. Qowiso
505. QSC AG
506. Quake Global
507. Qualcomm
508. Quectel
509. RacoWireless
510. Ralph Lauren Corporation
511. RasGas
512. Raspberry Pi
513. Raytheon
514. Razer
515. Recon Instruments
516. Red Hat
517. Redpine Signals
518. Reebok International
519. Relacom Group
520. Renesas Electronics Corporation
521. Rest Devices
522. Revolutionary Tracker
523. RHLvision Technologies
524. Ringblingz
525. Ringly
526. Rogers Communications
527. Romec
528. RSL Steeper Group
529. RTX A/S
530. Rufus Labs
531. S3 ID
532. Sagemcom
533. Salesforce.com
534. Salutron
535. Samsung Electronics
536. Samsung Group
537. Sansa Security
538. SAP
539. Sarvint Technologies
540. Saudi Aramco
541. Schneider Electric
542. Secret Labs
543. SeeControl
544. Seiko
545. Semtech Corporation
546. SenseCore
547. Sensegiz Technologies
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556. Seraphim Sense
557. Shanda Group
558. Shimmer
559. ShotTracker
560. Si14
561. Siemens Medical
562. Sierra Wireless
563. SIGFOX
564. Sigmo
565. Silicon Laboratories
566. SIMCom Wireless Solutions
567. SingTel
568. SITA
569. SK Telecom
570. Skully Systems
571. SkyWave Mobile Communications
572. Smart Device (SmartQ)
573. Smarty Destination Technology
574. Smarty Ring
575. SMI (SensoMotoric Instruments)
576. SMS Audio
577. Snaptracs
578. SoftBank Corporation
579. SoftBank Mobile Corporation
580. Somaxis
581. Sonitus Medical
582. Sonostar
583. Sony Corporation
584. Sony Mobile Communications
585. Sotera Wireless
586. Soundbrenner
587. SparkPeople
588. Spire
589. Spireon
590. Sports Beat
591. SpotNSave
592. Spree Wearables
593. Sprint Corporation
594. Sproutling
595. Sqord
596. Stalker Radar (Applied Concepts)
597. STATSports
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614. Tele2
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616. TelecomDesign
617. Telefónica
618. Telegesis
619. Telenav
620. Telenor Connexion
621. Telenor Group
622. Telensa
623. Teletrac
624. TeliaSonera
625. Telit Communications
626. Telegis
627. Telstra Corporation
628. Telular Corporation
629. Tencent
630. TEOCO
631. Textronics
632. Thalmic Labs
633. The Walt Disney Company
634. Theatro
635. Thread Group
636. Thuraya
637. TI (Texas Instruments)
638. TIA (Telecommunications Industry Association, U.S.)
639. TIM (Telecom Italia Mobile)
640. Timex Group
641. Tissot
642. TLink Golf
643. TN Games
644. Tobii Technology
645. Tomoon Technology
646. TomTom
647. TomTom Telematics
648. Tory Burch
649. Toshiba Corporation
650. Touch Bionics
651. TrackingPoint
652. Transatel
653. Tridium
654. Trimble Navigation
655. TTA (Telecommunications Technology Association, South Korea)
656. TTC (Telecommunication Technology Committee, Japan)
657. Tunstall Healthcare
658. Two Tin Cans
659. U.S. Department of Defense
660. U-blox
661. UIEvolution
662. ULE (Ultra Low Energy) Alliance
663. Under Armour
664. Universities of Glasgow
665. University of Leeds
666. University of Reading
667. University of Strathclyde
668. Uno
669. USAT (USA Technologies)
670. Valencell
671. Validic (Motivation Science)
672. Vancive Medical Technologies
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