

The M2M, IoT & Wearable Technology Ecosystem: 2015 – 2030 – Opportunities, Challenges, Strategies, Industry Verticals and Forecasts

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Abstracts

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:

[The M2M & IoT Ecosystem: 2015 – 2030 - Opportunities, Challenges, Strategies, Industry Verticals and Forecasts](#)

[The Wearable Technology Ecosystem: 2015 – 2030 - Opportunities, Challenges, Strategies, Industry Verticals and Forecasts](#)

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.

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2.6.293 Sonitus Medical
2.6.294 Sonostar
2.6.295 Sony Mobile Communications

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LIST OF COMPANIES MENTIONED

270 VISION

3GPP (3RD GENERATION PARTNERSHIP PROJECT)

3L LABS
4DFORCE
4III INNOVATIONS
9SOLUTIONS
ABB Group
Abbot Laboratories
Accenture
Aclara Technologies
AcousticSheep
Actility
Active Mind Technology
Adidas
ADT Corporation
Aeris Communications
AgaMatrix
AIOTI (Alliance for Internet of Things Innovation)
Airbiquity
Airbus Group
AirType
Alcatel-Lucent
Allegion
AllSeen Alliance
Altair Semiconductor
Amazon
Amazon.com
Ambit Networks
AMCi Wireless
AMD (Advanced Micro Devices)
América Móvil
Amiigo
Amulyte
Animas
Ansaldo STS
Apple
ARA (Applied Research Associates)
Archos
Arduino
ARIB (Association of Radio Industries and Business, Japan)
Arkessa

ARM Holdings
Arqiva
Arrayent
Arynga
Asahi Kasei Group
ASUS (ASUSTeK Computer)
ASX
AT&T
AT&T Mobility
Atellani
Atheer Labs
ATIS (Alliance for Telecommunications Industry Solutions, U.S.)
Atlas Wearables
Atos SE (Societas Europaea)
Augmendix
Augtek
Autodesk
Avago Technologies
Avegant
Avery Dennison
AVG
Avnet-Memec
AWS (Amazon Web Services)
Axiros
Ayla Networks
Azeti Networks
B&B Electronics
BAE Systems
Baidu
Barclays
Basis Science
Beddit
Behavioral Technology Group
BI
BIA Sport
Bionym
Biosensics
BIT (Blue Infusion Technologies)
Bitbanger Labs

BlackBerry
Blocks Wearables
Bluetooth SIG (Special Interest Group)
Bluetooth Special Interest Group
BodyMedia
bOMDIC
Bondara (Nagook)
Bosch
Boston Scientific Corporation
Bouygues Group
Bouygues Telecom
BP
BRAGI
Breitling
BrilliantService
Broadcom Corporation
Brother Industries
Brunel University
BSX Athletics
BSX Insight
BT Group
BTS Bioengineering
Buhel
CalAmp
Cambridge Temperature Concepts
Camelot Group
Cantaloupe Systems
Carre Technologies
Casio
Catapult Sports
CCSA (China Communications Standards Association)
Cellwize
CGI Group
China Mobile
China Telecom
China Unicom
Cirrus Logic
Cisco Systems
Citizen

Cityzen Sciences
ClearBlade
CloudCar
Codoon
Comcast Corporation
CommandWear
CompeGPS
Concirrus
Connect America
Connect One
ConnecteDevice
Continental
Control VR
Cool Shirt Systems
CoSwitched
Covidien
Covisint
CradlePoint
Creaholic
Creoir
CSR
Ctek
Cubic Telecom
Cuff
Cumulocity
Cyberdyne
DAQRI
DARPA (Defense Advanced Research Projects Agency)
DASH7 Alliance
DataOnline
Davra Networks
Dell
Delphi
Device Insight
Diesel
Digi International
DK Tek Innovations
DKNY
DNA

DorsaVi
Dreamtrap Commercials
DT (Deutsche Telekom)
Dubai Police
Durex
E Ink Holdings
EB Sport Group
Echelon Corporation
EdanSafe
EE
Ekso Bionics
Elbrys Networks
Electric Foxy
Elisa
Elster EnergyICT
EMC Corporation
Emotiv Systems
Enjoy S.R.L
EnVerv
Epson (Seiko Epson Corporation)
Ericsson
Eseye
ETSI (European Telecommunications Standards Institute)
Eurotech
Evena Medical
Everfind
Exelis
EyeTap
Facebook
FaltCom Communications
FashionTEQ
Fat Shark
Fatigue Science
FDA (U.S. Food and Drug Administration)
Fedex
Filip Technologies
Finis
FitBark
Fitbit

Fitbug
FitLinxx
FLASHNET
Fleetmatics Group
Flexeye
Flextronics
Flyfit
Force Impact Technologies
Fossil
Foxtel
Franklin Wireless
Free Wavz
Freescale Semiconductor
FreeWave Technologies
Fujitsu
G4S
Garmin
GE (General Electric)
GEAK
Gemalto
General Dynamics Corporation
General Dynamics Mission Systems
GEO Group
Geopalz
Georgia Institute of Technology
GestureLogic
Ginger.io
Given Imaging
GlassUp
Glofaster
GMA (Global M2M Association)
GN Netcom
GN Store Nord
Google
GoPro
GOQii
GSMA
Gucci
Guess

H&D Wireless
Harman International Industries
Harris Corporation
HealBe
HereO
HGI (Home Gateway Initiative)
Hitachi
Hollywog
Honeywell International
House of Horology
Hovding
HP (Hewlett-Packard Company)
HSBC
HTC
Huawei
HyperCat Consortium
Hyundai
i.am+
i'm SpA
i4C Innovations
IAMAS (Japanese Institute of Advanced Media Arts and Sciences)
IBM
ICEdot
ICON Health and Fitness
iControl Networks
IDENTEC GROUP
IEC (International Electrotechnical Commission)
IEEE (Institute of Electrical and Electronics Engineers)
IETF (Internet Engineering Task Force)
iHealth Lab
IIC (Industrial Internet Consortium)
iLOC Technologies
Imagination Technologies
IMC (IoT M2M Council)
Imec
Immerz
Ineda Systems
InfinitEye
InfoSys

Ingenico Group
Ingenie
Ingenu
Inmarsat
Innovega
Instabeat
INSYS Microelectronics
Intel Corporation
InteraXon
InterDigital
Intersections
Intersil Corporation
Invensense
Inventek Systems
Iotera
IPSO (Internet Protocol for Smart Object) Alliance
iRhythm
Iridium Communications
Iron Will Innovations
Iskraemeco
ISO (International Organization for Standardization)
ITAMCO (Indiana Technology and Manufacturing Companies)
Itron
ITT Corporation
ITU (International Telecommunications Union)
iWOW Connections
Jabra
Jasper Technologies
Jawbone
Jaybird
Johnson & Johnson
Kairos Watches
Kapture
KDDI Corporation
Kerlink
Keysight Technologies
Ki Performance
Kiwi Wearable Technologies
KMS Solutions

KORE Wireless Group
KoruLab
KPN
Kreyos
Kronoz
KT Corporation
Kyocera Corporation
L-3 Communications
L-3 Mobile-Vision
Laird
Landis+Gyr
Lantronix
Lark Technologies
Laster Technologies
LeapFrog Enterprises
Lechal
Legrand
Lenovo
LG Electronics
LG Uplus
Libelium
LifeBEAM
LifeLogger Technologies Corporation
Lijiang Police
Limmex
Link Labs
Liquid Image
Lockheed Martin
LogBar
LoRA Alliance
LOSTnFOUND
Loughborough University
LS Cable & System
LSR (LS Research)
Lumafit
Lumo BodyTech
Lumus
Luxottica
M2COMM (M²Communication)

M2M Alliance
M2M Data Corporation
M2M DataSmart
M2M Spectrum Networks
M2M Wireless
M2M World Alliance
M2Mi (Machine-to-Machine Intelligence Corporation)
Mad Apparel
Magellan (MiTAC Digital Corporation)
Martian Watches
Marvell Technology Group
Masternaut
Matilde
Mavaco
Maxim Integrated
MC10
McLear
MediaTek
Medtronic
Melon
Memi
Mesh Systems
META
Meta Watch
MIC (MiTAC International Corporation)
Microchip Technology
Microsemi Corporation
Microsoft
Microtronics
Miele
MindStream
Mio Global
Misfit Wearables
MiTAC International
Mobility Development Group
Modacom
Moff
MonDevices
Moov

Moticon
Motion Fitness
Motion Metrics International Corporation
Motorola Mobility
Motorola Solutions
Movable
Mozilla Corporation
Mtrex Networks
Multi-Tech Systems
Murata Manufacturing
Mutalink
Mutewatch
My Evolution
myDevices
Myontec
Narrative
Navman Wireless
NEC Corporation
Neoway
Neptune
Nest Labs
Netatmo
NetComm Wireless
NetModule
NeuroPro
NeuroSky
New Balance
NextM2M
NGM2M (New Generation M2M) Consortium, Japan
Nike
Nintendo
Nissan
Nixie Labs
Nixon
NJSP (New Jersey State Police)
Nod
Nokia
Notch Interfaces
Novatel Wireless

Novero
NTT DoCoMo
Nuance
Numerex Corporation
Nuubo
NVIDIA
Nwave Technologies
NXP Semiconductors
NZN Labs
OASIS (Organization for the Advancement of Structured Information Standards)
Oberthur Technologies
Oculus VR
ODG (Osterhout Design Group)
OIC (Open Interconnect Consortium)
Olive Labs
OMA (Open Mobile Alliance)
Omate
Omega
OMG (Object Management Group)
OMG Life
Omnilink Systems
Omron
OMsignal
OnAsset Intelligence
OneM2M
OpenCar
Opening Ceremony
Optalert
Optinvent
Option N.V.
Oracle Corporation
Orange
ORBCOMM
OrbiWise
OrCam Technologies
OriginGPS
Orion Labs (OnBeep)
Orpyx Medical Technologies
O-Synce

Owlet Baby Care
Palomar Health
Panasonic Corporation
Paris Miki Holdings
Parsons Corporation
Parvus
Pebble
Pedigree Technologies
Peiker
Pepsi
Perceptive Devices
Performance Sports Group
Perpetua Power Source Technologies
PFO Tech
Philips
PHTL (PH Technical Labs)
Phyode
Pivothead
Pixie Scientific
Plantronics
PLAT.ONE
Playtabase
Plextek
PNI Sensor Corporation
Polar Electro
Pragmasystems
Praxair
Prevas
Preventice
Proteus Digital Health
PTC
PUSH Design Solutions
Qardio
Qivicon
Qowiso
QSC AG
Quake Global
Qualcomm
Quectel

RacoWireless
Ralph Lauren Corporation
RasGas
Raspberry Pi
Raytheon
Razer
Recon Instruments
Red Hat
Redpine Signals
Reebok International
Relacom Group
Renesas Electronics Corporation
Rest Devices
Revolutionary Tracker
RHLvision Technologies
Ringblingz
Ringly
Rogers Communications
Romec
RSL Steeper Group
RTX A/S
Rufus Labs
S3 ID
Sagemcom
Salesforce.com
Salutron
Samsung Electronics
Samsung Group
Sansa Security
SAP
Sarvint Technologies
Saudi Aramco
Schneider Electric
Secret Labs
SeeControl
Seiko
Semtech Corporation
SenseCore
Sensegiz Technologies

Sensible Baby
Senso Solutions
Sensoplex
Sensoria
Sensorsuite
Sensys Networks
Sentimoto
Sequans Communications
Seraphim Sense
Shanda Group
Shimmer
ShotTracker
Si14
Siemens Medical
Sierra Wireless
SIGFOX
Sigmo
Silicon Laboratories
SIMCom Wireless Solutions
SingTel
SITA
SK Telecom
Skully Systems
SkyWave Mobile Communications
Smart Device (SmartQ)
Smarty Destination Technology
Smarty Ring
SMI (SensoMotoric Instruments)
SMS Audio
Snaptracs
SoftBank Corporation
SoftBank Mobile Corporation
Somaxis
Sonitus Medical
Sonostar
Sony Corporation
Sony Mobile Communications
Sotera Wireless
Soundbrenner

SparkPeople
Spire
Spireon
Sports Beat
SpotNSave
Spree Wearables
Sprint Corporation
Sproutling
Sqord
Stalker Radar (Applied Concepts)
STATSports
STMicroelectronics
Streeline
Striiv
SunFriend Corporation
Suunto
sWaP
Swatch Group
T.Ware
Tag Heuer
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TASER International
Tata Group
TCL Communication
Tech Mahindra
Technical Illusions
Telcare
Tele2
Telecom Italia
TelecomDesign
Telefónica
Telegesis
Telenav
Telenor Connexion
Telenor Group
Telensa
Teletrac
TeliaSonera
Telit Communications

Telogis
Telstra Corporation
Telular Corporation
Tencent
TEOCO
Textronics
Thalmic Labs
The Walt Disney Company
Theatro
Thread Group
Thuraya
TI (Texas Instruments)
TIA (Telecommunications Industry Association, U.S.)
TIM (Telecom Italia Mobile)
Timex Group
Tissot
TLink Golf
TN Games
Tobii Technology
Tomoon Technology
TomTom
TomTom Telematics
Tory Burch
Toshiba Corporation
Touch Bionics
TrackingPoint
Transatel
Tridium
Trimble Navigation
TTA (Telecommunications Technology Association, South Korea)
TTC (Telecommunication Technology Committee, Japan)
Tunstall Healthcare
Two Tin Cans
U.S. Department of Defense
U-blox
UIEvolution
ULE (Ultra Low Energy) Alliance
Under Armour
Universities of Glasgow

University of Leeds
University of Reading
University of Strathclyde
Uno
USAT (USA Technologies)
Valencell
Validic (Motivation Science)
Vancive Medical Technologies
Vergence Labs
Verifone
Verizon Communications
Verizon Telematics
Verizon Wireless
Victoria's Secret
Vigo
Virgin Atlantic
VisTracks
Vodafone Group
VSN Mobil
Vuzix
W3C (World Wide Web Consortium)
Wahoo Fitness
Wather Enterprises
We:eX (Wearable Experiments)
Wearable Intelligence
Weartrons Labs
Weightless SIG
Wellograph
Whistle
WiFi Alliance
Wipro
Wirecard
Wireless IoT Forum
Wireless Logic
WirelessCar
Wi-SUN Alliance
Withings
WTS (Wonder Technology Solutions)
Wyless

X-Doria (Doria International)
Xensr
Xiaomi
Xirgo Technologies
XO Eye Technologies
XOWi
Xsilon
Xybermind
Yingqu Technology
Zackees
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