Smart Cities & Communities Webinar

July 2020

CONNECTING A SMARTER PLANET

The LoRa Alliance[®] is an open, nonprofit association focused on standardizing and promoting the LoRaWAN[®] protocol. We develop and maintain an open specification and make certification available globally for LoRaWAN devices.

Major national and international carriers are developing LoRaWAN networks that transmit data from nearly 100 million connected sensors, creating actionable intelligence from the physical world.









An Incredible Ecosystem of LoRa Alliance[®] MEMBERS

Sponsor Members amazon A Actility altalta harte CISCO kerlink No Lowan O ER TELECOM XX Netze BW MACHINEQ Objenious Sagemcom ATT. SEMTECH Tencent TEKTELIC

(3 aza	📀 acklio	AE)(DNIS	ALLION	$\overline{0}$
ARM AXAT		ins bir	dž 🗠	0
S CAMEGE TECHNOLOG	245	3 (O DIGITA	DEKRA
Dish Network	eDF	invert x	S Ettepk	an &
	()) IDEMRA	(a: 11	on ekiw	1 tokpn
(intel)	LORIO T	V» mai	a meshid	Monoor
microshare	C	Minstzankt	P ML	ALTITECH®
Devices	NEC	NN P	N	netmore
Netzikon	нзс	0	orbiwise	KRAFT
Dege	pro%im	us Re	NESAS	Schneider
⊕ senet	SenRa	Seramer 1		⊒ SoftBank
Syniverse Technologies	*	S avisseom	•	TATA
TTA	TH	IINGSTRE		TÜVRhoinland [®] fraciary fight
UNICATA (××	ILOC	ventsa

Contributor Members

Adopter & I	Institutional Members
-------------	-----------------------

423 10 25 mm annun ABS 2 10 00mm Ann 2000 1	
112.000 201 A	
Antigen course the Copyress 7 men CAT the CEAT Date CALL	9
	Conce
Add-on & many service light with a same the M	() annual
24 0 E2 00.05. 2	
reason E Gas pres core "the maser lies y thread	- des
A same and the second s	
	S-141
19	
AD, THT PROFE M ADD 2 0	millet
tinte C the sta sta sta	ONH
	1
Come and the second patients	ens 3
with the set of the se	
and an and a second the second second the second se	1
nue Spine termin only state & unstated in Spine' states these	
1227 🖶 - 12 Jaco 🛶 🔤 -2- 👥 100 inter we	THREE
0	UNITE
Part Course Vactors Lan Mr. Marry Viers Viers	
	wie

RECENT LEADERSHIP ADDITIONS

SPONSOR LEVEL

- Amazon [US]
- Charter [US]
- Netze BW GmbH [Germany]

CONTRIBUTOR LEVEL

- · Arduino SA [Switzerland]
 - British Telecom [UK]
 - Chevron [US]
 - Dish Network [US]
 - Intel [US]
- Interlink Electronics [US]
- Paige Wireless LLC [US]
- Syniverse Technologies [US]
 - Target [US]
- Tata Communications [India]
- Thingstream AG [Switzerland]
- Unitymedia NRW GmbH [Germany]
 - Viloc [Belgium]





LoRaWAN[®] is Exploding Globally



Connecting a Smarter Planet



LoRaWAN[®] Network **Operators** LogRaW4N LogRa Alliance

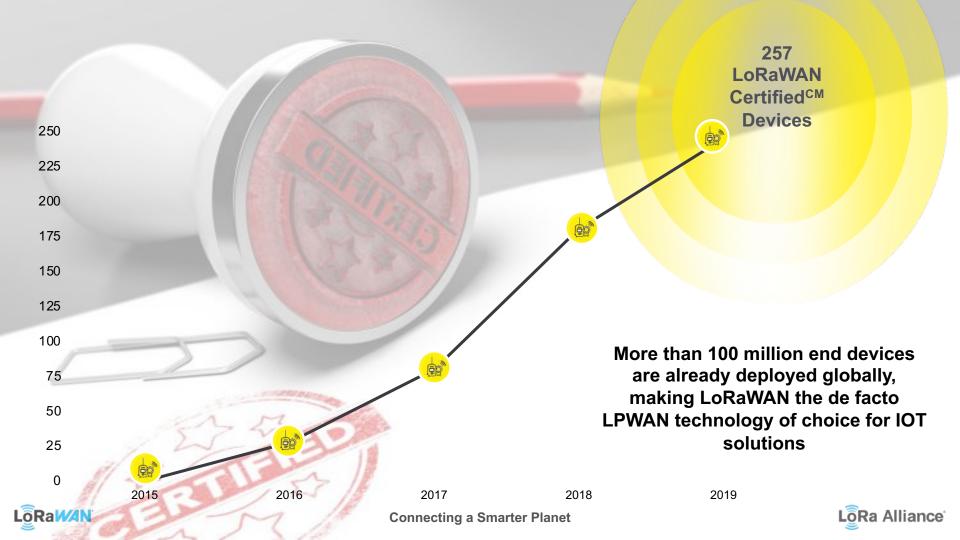
Countries with LoRaWAN[®] Networks

S

• 😵

LogRaWAN





Pandemics are inevitable, but their demise is, too.

Besides ...

- LoRaWAN solutions that IoT, Smart Cities & Smart Building professionals have been proposing for years help make the "new normal" less abnormal
- And most of them make the world a safer, more efficient and more sustainable place







LoRaWAN Helps Fight Covid-19



- Private Proximity Monitoring by NNNCo and WMV
- Universal Contact Tracing[™] by Microshare & Kerlink
- Proximity Detection & Contact Tracing by Actility & Abeeway



Medical Gas Valve Monitoring by Cavagna Group Nurse Call Systems for Temporary Hospitals by myDevices, Everynet, Abeeway and Redexia

Learn more: LoRaWAN Fights Covid-19





Connecting a Smarter Planet

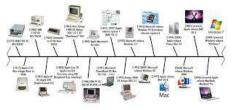
- Preventative Maintenance in Water Treatment Facilities by myDevices
- Infection Risk Reduction in Hospitals & Healthcare by Microshare



- Most analysts agree: short-term blip, followed by acceleration of IoT & Digital Transformation
- Post Covid-19 will require cities, companies and services to prove health & safety in public places & indoor buildings
- Paradigm shift to "must have" IoT & Digital Transformation
- · Disruption creates enormous opportunities & jobs that didn't exist







• Individuals, private & public entities, governments – all will have a part to play



Connecting a Smarter Planet



LoRaWAN WORLD EXPO Parts | December 3-4, 2020

CONNECTING A SMARTER PLANET



