Welcome to the 21st edition of our SCC eNewsletter!

Even though the world has slowed down, and meeting each other is complicated, together with our members we are looking forward and are working together on several activities like Innopolis in Paris, Smart City Expo Barcelona and Light+Building 2022.

We hope that we can meet each other soon, for now take care and be safe!
All the best,

Henny

Henny Wieland
Manager LonMark Europe/Secretary LonMark Smart City Council

Our webinars

Many thanks to our members for organizing the webinars with us!
As we all know LON is well recognized in building automation and streetlighting. Even though we know most applications, one of the webinars "Hidden Champions in LON", presented by Matthias Lürkens from Gesytec showed us that LON is applied in many different areas. Applications touching us in our daily life taking advantage of the unique features of LON in restaurants, elevators, escalators, fire protection, metros, industrial applications and many more.
If you want to look back to (one of) the webinars, the recording of all of them is to be found on our website.

Webinar Megachips – March 18, 2021

On March 18 Megachips organized their webinar: "HD-PLC Technology, use cases and Standards including ANSI/CTA 709.8", presented by Masa Konishi.

Topics covered/Agenda:

• HD-PLC technology and Standards
• Building Automation
• Industrial Case Studies
• In-home systems
• Internet of Things (IoT)
• HD-PLC licensing program

The recording of the webinar can be viewed **here**:

Member news

Efficient tech for intelligent cities:
LVX Global releases a new brand for NB-PLC and HD-PLC technology

In September 2020 LVX Global acquired the LMS Division of Vossloh-Schwabe, "VS" through its Frankfurt based subsidiary, LVX Global (Deutschland) GmbH. The acquisition saw LVX Global take ownership of the IP, responsibility for manufacturing, global distribution, commissioning and through life support of all network-able NB-PLC and HD-PLC products (iPC, iLC, iDC, iLIC, iLUX, iCCU).

The acquisition firmly entrenched LVX Global in the central European, Asian and US markets, and annexed significant software, hardware and firmware IP assets that are suited to its operations in the Smart Buildings and Smart Cities space.

As part of LVX Global's commitment to the ongoing development, of the NB-PLC and HD-PLC technology, it has developed a new brand '**iciti**' that will represent the products and provide opportunities to enter new markets.

LVX Joins Smart Cities Council

Washington DC based Smart Cities Council (SCC) announced that LVX Global, an international technology solutions business that identifies, designs, delivers and manages high value, scalable, replicable social outcomes at the intersection of technology, engineering, and human behavioural science, has signed on as Global Lead Partner and will sponsor programs in both Australia and the US.

iciti.

The overall brand approach is modern and contemporary whilst focusing on creating a distinctive identity, including a logo, that is centered around light and that will endure over time.

iciti provides proven and robust NB-PLC and HD-PLC technology. It eliminates the need for fibre optic cable for Smart City infrastructure reduces risk, saves energy, and leads to a reduction maintenance and associated costs.
Fewer installation gateways are required and there is a reduction in points of failure as well as being future proof and enabling remote access. Significant cost reduction is achieved in installation and further savings are experienced through life with reduced maintenance and energy costs

iciti has a research and development team based in Germany with support from the LVX Global HQ in Adelaide. The brand will be marketed globally by LVX and its subsidiaries in, Australia, North America, Asia and Europe.

For more information visit: www.icititech.com **or E-mail:** info@icititech.com
Regional Contact:
Jörg Schneck, Manager Business Development

Occitaline: devices for cybersecurity, Smart Building and Smart Cities

In the straight line of LON values, Occitaline keeps on developing open, interoperable solutions. Always guided by their four key words: to connect, to protect, to save energy and to increase cybersecurity, Occitaline developed a range of innovative products that will create a buzz… IzoT™ Oxtopus, Ox-Base-LoRa and Ox-Bras, all of them, subject matter experts

Read the full article

Biography: Daniel Zotti, a singular story of a LON's pioneer. President of LonMark Francophone, Daniel Zotti was one of the founders of the association in 1994, he is also a member of LonMark International Board of Directors.
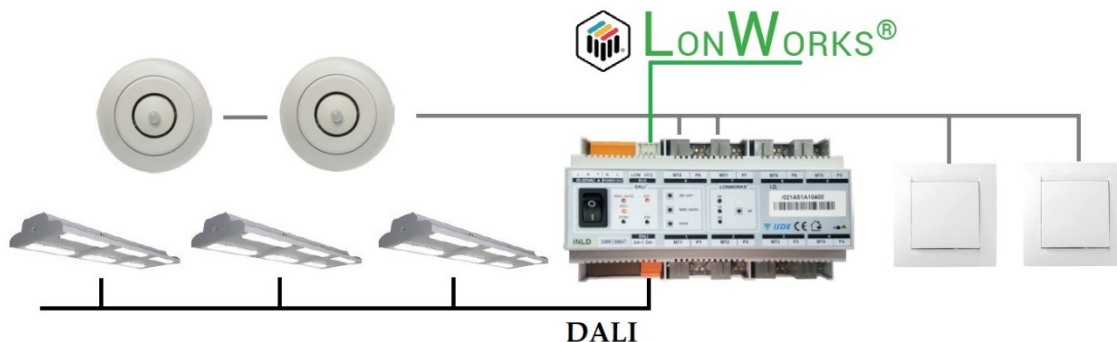More information about Occitaline and Oxtopus on
www.occitaline.fr
For interview requests, please contact us: info@occitaline.fr or +33 (0)5 34 28 12 24
Occitaline - 13 rue Antoine de Lavoisier - 31830 Plaisance du Touch – France.

ISDE:

ISDE updates LONWORKS-DALI controller INLD-144 based on LONMARK certified DALI gateway INLD-100. This update brings to DALI all power and scalability of LONWORKS:

LONWORKS-DALI controller INLD-144 offers control over 64 ballast and 16 groups in a DALI network with no need for external DALI power supply. Also until 4 multi-sensor (Light + Presence) and 4 push buttons can be connected to control luminaires, more sensors and button could be connected adding INS-045 LONWORKS controller.

Functionality could be easily being extended by adding input-output controllers and/or multi-sensors to LONWORKS network, all configured by open tool like Izot CT (not manufacturer dependent).

Energy efficiency oriented functionality: Constant light controller based on light meter, custom configuration per DALI group (Change ballast luminance curves easily), configure a low level luminance once the room is unoccupied, double push a button when fixed value light is needed occupancy independent and so on.

More detailed info about functionality could be obtained from the following case study:

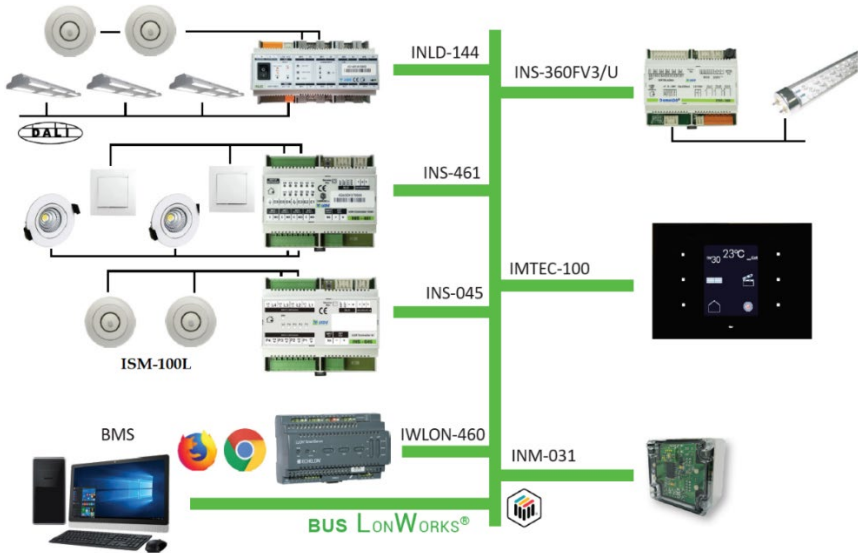*Smart lighting control system for office building*
Following study case describes how to implement ISDE smart lighting automation solution

for integrators and installers. System intelligent is distributed on the network through different nodes (regulated and ON-OFF light automation) and a supervision platform which could be provided by ISDE or developed by integrator). ISDE philosophy about providing standard, interoperable, fully scalable and documented solutions guarantees the guarantees user freedom to choose network maintainer and manufacturer for future extensions, making LonWorks© tech the best fit for this kind of projects.

Below the highlights of smart lighting solution:

REQUERIMENTS	- ON-OFF light automation. - Dimmable lighting automation (1-10 V, DALI, …). - Schedule and exceptions. - Lamp and ballast failure information. - Local and remote control with buttons and presence detectors. - Constant light controller based on both inside and outside lighting meter.

Lighting automation solution diagram

Item description:

INLD-144

LONWORKS-DALI controller for DALI network with four inputs for multi-sensors (Light meter and presence) and four buttons. Multi-sensors (ISM-100L) offer room occupancy and light metering, INLD-144 constant light controller algorithm adjust DALI luminance to reach energy efficiency.
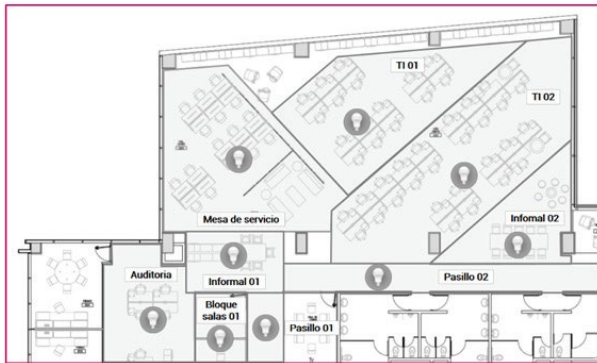
INS-045

LONWORKS controller for connecting multiple push buttons and multi-sensors.

INS-461

LONWORKS multi-function input-output controller with real time clock pre-loaded for ON-OFF lighting circuits automation. By occupancy presence and schedulers prevent waste of energy by turning off lights once no person is in the room. Functionality is totally configurable by user through web interface offer by IWLON-460.

Interface

Do notice that ISDE smart lighting automation solution does not need a supervision platform or "concentrator" to function, intelligent is distributed on the network and supervision platform is one more element on it, offers the user a way to control the system: Time setting, scheduling task, light monitoring and control, ballast status and alarm logs and so on. IWLON offers a multi-media web interface to the user.

Our events

SCC "happy hour":

To keep in contact we decided to organize a virtual happy hour once a month, starting at 4pm. It is a nice opportunity to socialize and to see how everyone is doing. Everyone is welcome to join us: just sign in, camera on and bring your own drink … cheers!
Our next "Happy hour" is on **Fri. 28 May 2021, 4pm CET**, hope to see you then!
https://global.gotomeeting.com/join/354565949

Smart City Lighting Summit.
LMI is a partner for this virtual event which is scheduled for August 25th.
For more information visit: https://www.smartcitylightingsummit.com/

Innopolis 21 & 22 September 2021
Paris event center. Innopolis is dedicated to the actors of the city, bringing together the latest technological and digital innovations at the service of human beings.
LonMark has entered into a partnership with APOS Media to promote and participate in Innopolis in Paris and will exhibit at the show. We look forward to a successful cooperation with APOS Media. More info will follow in due course:
https://innopolis-expo.com/en/

LonMark member meeting Thu. 23 September 2021, 09.00 – 17.00
Location: Raspail by Daniel Garault, Paris
More info will follow.

IBS, 20 & 21 October 2021
Paris, Expo Porte de Versailles
Be sure to visit the stand of LonMark France (H03)
http://www.ibs-event.com/

Smart City Expo Barcelona, 16-18 November 2021
First preparations have started to join the show.
https://www.smartcityexpo.com/

Light+Building, 13-18 March 2022
Even though we still have a year to go we are already in contact with the Messe Frankfurt.
In the past we always had a stand in 2 different halls: one focusing on Building Automation and the other one focusing on Smart Streetlighting.

This time our members expressed their preference to go for one mutual stand only. We have discussed the matter with Messe Frankfurt and it seems that they can accommodate our request. More info will follow in due course.
https://light-building.messefrankfurt.com/frankfurt/en.htm

If you are not a member of the SCC yet and interested to join, please contact
henny.wieland@lonmark.org