

UIC Digital Transformation Tour in Silicon Valley (May 2017)

Review

In July 2015 the UIC General Assembly decided to create the UIC Digital Platform to support its members in their digital transformation.

The philosophy that supports the Digital Platform activities is structured around three concepts SHARE / OPEN / CONNECT

This came to life on 30 November with the very first UIC Digital Conference in Paris.

Since then, number of actions and initiatives has been conducted.

Among these, the UIC Digital Platform organized its first major event in Washington in May 2016: Digital and safety / security seminar.

One year later a new milestone was reached as the UIC Digital Platform opened 20 applications for its Digital Transformation Tour in Silicon Valley.

It offered a unique opportunity for a deep immersion into the digital eco-system and real and valuable business meetings with various well implemented partners in the Valley.

This Digital Tour was fully in line with the fostered philosophy:

Share: among the participants and with the encountered companies

Open: to international digital environment and way of thinking of the Silicon Valley

Connect: with the representative actors of the Californian digital eco-system

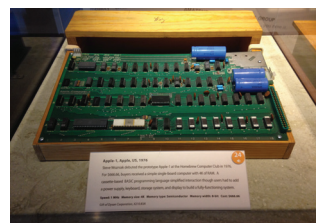
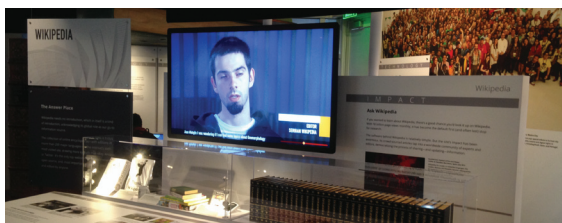
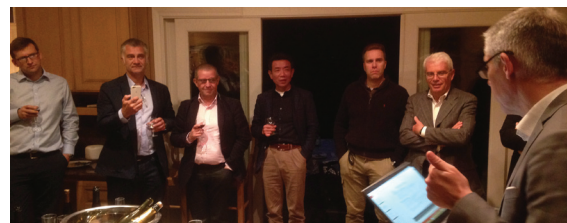
The location was chosen since Silicon Valley is the heart of the innovation spirit which has led to the revolution of our world.

For three days the agenda covered numerous meetings: 16 visited companies, among them major ones such as Amazon, SPLUNK, Facebook, TESLA, SRI... and flourishing start-ups such as COSMO, NUMBERLY, SKUCHAIN, PREDICTO....

Moreover, an immersion into STANFORD Campus with an initiation to Design Thinking was proposed to the group.

Focus was placed on projects with concrete application for the Railway sector. Among these: Big Data, Block Chain, cyber security...

In a friendly atmosphere, wide-open approach allowed direct and fruitful business discussions between UIC and different met partners.



Outputs and expectations

Three potential further outcomes have been identified

1. set up an operational platform in partnership with SPLUNK and possibly others:
 - Design a technical framework for data collection and production of added value results.
 - Realization of POCs based on UIC members' data
 - Potential development of projects or applications dedicated to Railway industry
2. Opportunities to build strong ties with incubators or co-working structures and start-ups implemented in San Francisco
3. During the tour start-ups were identified for their potential applications for Railway activities

- **COSMO** which already works with some UIC Members on AI (Artificial and moreover Augmented Intelligence) for assets management and predictive maintenance. COSMO should be present at the UIC Digital Day planned on September 18-19 in Roma and dedicated to Assets digitalization and cybersecurity

- **SKUCHAIN**: developments on Block Chain with a potential application to the Freight Corridors management. SKUCHAIN has been invited to be present at next GRFC (Global Rail Freight Conference) planned next year in Genoa.

- **AGARI**: security management of exchanges (mainly emails)

- **HEADS UP**: Security at work with the design of connected devices to prevent work accident

In addition a new major issue is under discussion: Possible participation for the very first time of Railway Industry, represented by UIC, to 2018 CES in Las Vegas.

CES Las Vegas is the most famous digital trade show in the world.

Till today, Railway transport has never been represented there.

The discussions initiated during the Tour with the Head of CES Government, Don UPSON, should allow to reach this objective and open the gate of CES to the Railway industry.

