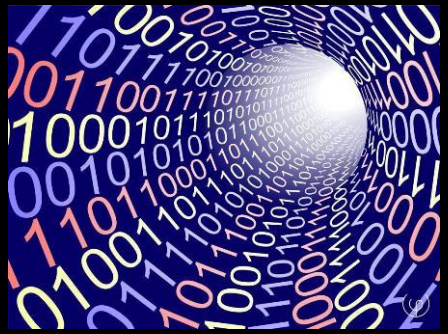


b<>com

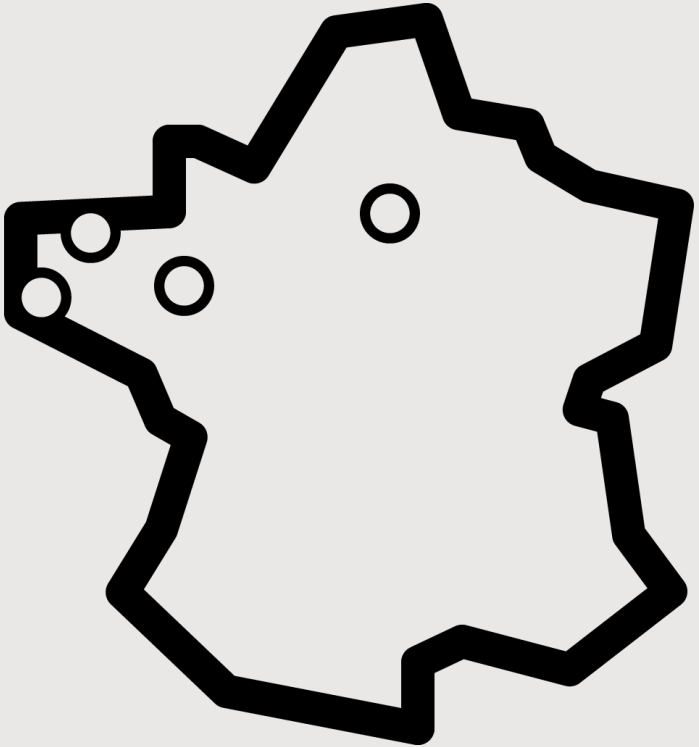
/ b<>com presentation
&
Wortecs involvement/

Our mission

« b<>com's research and innovation in digital technologies is dedicated to boosting development and marketing of tools, products and services that improve everyday's life »

Fields of research

Key figures



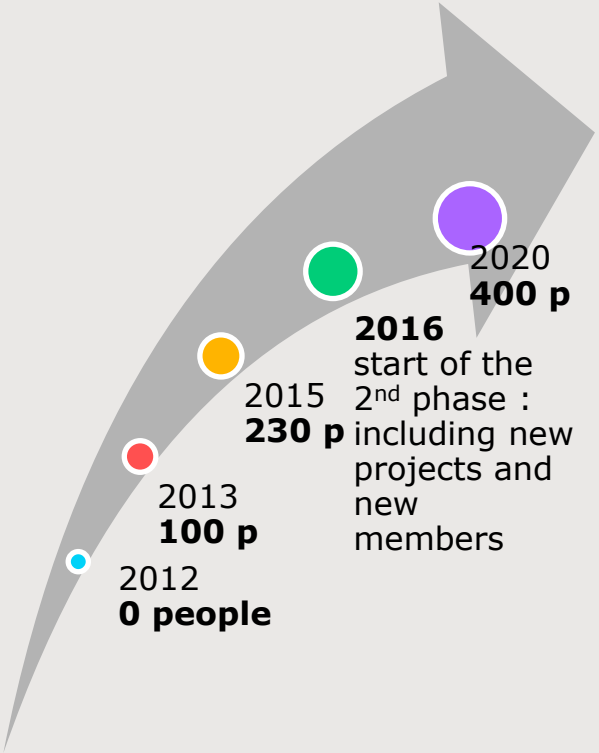
Founded in **2012**

€160M budget over 7 years

1 headquarters in Rennes

4 sites: Rennes, Paris, Lannion, Brest

Share & co-invest



SDO, Alliances & Partnerships

Trade shows

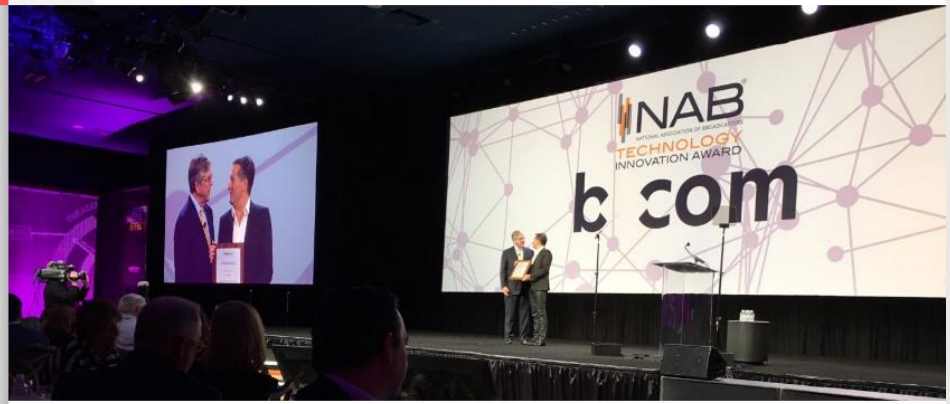
b<>com exhibits at Mobile World Congress!

Share

From February 27 to March 2d, b<>com is exhibitor at the Mobile World Congress, Barcelona. MWC is the world's biggest mobile technology show and welcomes over 90,000 technology industry experts, analysts and journalists every year.

b<>com awarded at NAB Show, Las Vegas!

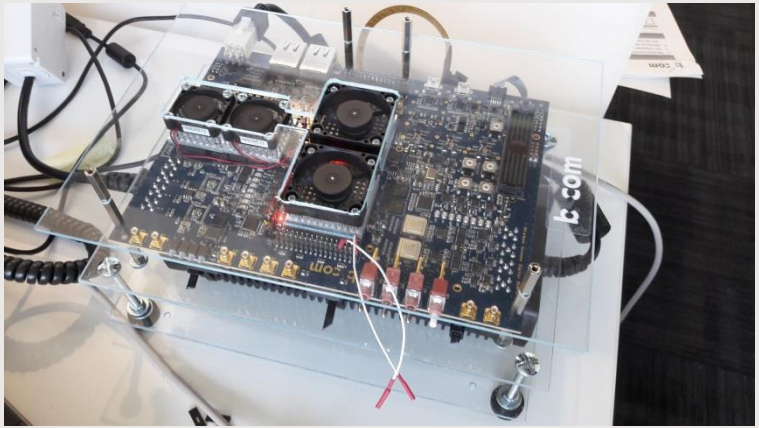
Share



b<>com has just received the Technology Innovation Award in Las Vegas, a trophy given to the best technological contributions to the world of broadcasting. This prize is awarded each year during NAB Show (National Association for Broadcasters), the world's largest event devoted to the audiovisual industry.

Wortecs involvement

Transverse Project
- Immersive Interactions lab
- Network Interfaces lab



b<>com is involved in

- WP2 : Virtual-Reality use-case
  - TL2.3: Relevant Virtual Reality applications, economic viability, user acceptability
- WP3
  - WP3 Leader – Radio contributions (RF, Coding, MIMO)
- WP4
  - VR platform (content, equipment) - IP development (TBD which one) – b<>com HW platform for integration/development
- WP5
  - Publications, Workshops, demonstrations
    - ICCSP 2018: 20th International Conference on Communications and Signal Processing
    - VRST 2018: Virtual Reality

b<>com is in charge of

- **WP3** : Terabits system specifications and studies (M1 – M36)
- **Deliverables**
  - **D2.2a – Focus on Virtual Reality**- BCM – M3
  - **D2.2b – Focus on Virtual Reality** - BCM – M31
    - **D4.4: Users' test acceptance** – BCM – M27
  - **IR3.1**: Definition and evaluation of first advanced wireless radio and OWC components (RF and digital) for virtual reality use-case transmission (inputs for D3.1) - BCM - M9
  - **M3.1: WP3 radio and wireless optical communication systems** specifications for virtual reality WP4 implementation – BCM - M15
  - **D3.2: Common RF and baseband** design for flexible radio and optics transmitter – BCM - M15
  - **D4.7: Final results** – BCM - M36

WP resources allocation

	WP1	WP2	WP3	WP4	WP5	Total Person-Months per Participant
1/ORA	14	6	7	4	5	36
2/OLD	0.5	1	21	22	2	46.5
3/BCM	0.5	6	14	16	2	38.5
4/PLF	0.5	2.5	11	33	6.5	53.5
5/UOXF	1	0	8	35	4	48
6/ULP	0.5	0	13	8	6	27.5
7/IHP	1	0	16	61	1	79
Total Person Months	18	15.5	90	179	26.5	329

Thanks