# Benefits of a SpaceWire Community

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# General Description

- To promote the SpaceWire technology on the international stage by:

  - providing an effective and easy to use channel for SpW producers to reach target customers

  - providing user-friendly SpW information and support to new and old users, produce and maintained a handbook and/or application notes

  - providing services that facilitate development and tests of SpW dependent designs

  - providing certification tools and/or services to insure conformance to the standard and/or interoperability

# Background

- No common platform so far...
- Today information is spread out and limited to:
  - ECSS Website form where a copy of the standard can be downloaded
  - ESA SpaceWire Website (spacewire.esa.int)
  - SpW Working Group website with restricted access to the WG members and with a scope limited to activities related to the WG
  - An informal Yahoo group with limited or no role played by a moderator/facilitator
- None that covers the promotion/support of devices and other available technology items and services

# Visions and Goals

- To provide

  - an entry point for new Users of SpW links, routers, networks and nodes

  - an international exposure exceeding the European context

  - an effective link between devices/equipment suppliers and Users

  - more exposure to potential non-space users

# Visions and Goals (cont.)

☐ re-assurance for Users to be able to find support in case of problems or need of commercial devices

☐ an access point for web based support applications such as modelling tools and other simulation tools

☐ a commercialisation platform for specific items (e.g. Lab cables, adaptors, ….)

☐ access to a pool of experts/consultants and networks architects able to support Users in their implementations

# Organisation

- The SpW Organisation owns the community and its content, no private company

- Guarantees better insight and control over the community

Working Group                  =>      Congress

Steering Committee           =>      Steering Committee

Managing the Community  =>      Contract

# Start up sequence

1) Put a proposal in EU/FP7 in order to raise initial seed funding (e.g. by establishing a Network of Excellence or something equivalent). The coordination of such a network could provide a lot of initial material to better size the volume (and type) of information that can be shared by a community.

2) Establish a first prototype or a promotional website in order to attract contributors and sponsors with a first service with high visibility (e.g. an embryonic SpW networks simulator). Usage of this tool could be made free of charge if developments are covered by 1) and complementary Agency funding.

# Start up sequence (Cont.)

3)   If 2) confirms that the initiative has a real potential, a business model could be consolidated and the SpW Community could be formally launched (and accompanied by up-front (one off) funding from the stake-holders)

4)   At this stage, the SpW Community must be autonomous and independent (e.g. its operation must be covered by commercial partners registration fees and other commercial incomes, without any funding from the public sector)

# Discussion

- What services would be beneficial for you?

- Is there something you would like to add?

- Could something be done differently?

## Thank you for listening!

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