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## ***PSI and the Internet: Looking Ahead From a Technological Point of View***

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# PSI and the Net

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1. **Technological point of view:** maximum benefit from PSI if PSI framed in the Semantic Web context.
2. **PSI & the Semantic Web:** vast holdings of clearly marked data available for web services, applications, etc.
3. Data available to provide information to users, but also, and more importantly, to **software agents**
4. **Machine-to-machine communication** is becoming increasingly important in many fields: continuous, automatic, flexible information exchange and processing with little or no human intervention.
5. ***This is in all likelihood the scenario that ensures maximum benefit from PSI due to the network effects and machine2machine interactions.***



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However, several issues need to be addressed.

Focus on two main points:

1. **Intellectual property rights of PSI.** In current legal framework, a priori rights grant by means of standardized licenses expressed in digital form (see, e.g., the Creative Commons experience).
2. **Metadata.** Data needs to be found, understood and used. Standard, effective ways to tag data are crucial to truly achieve the full potential of PSI on digital networks.



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## Conclusions

In drafting PSI-related policy, it is worthwhile to keep in mind not only traditional examples of PSI usage focused on shrink-wrapped products delivered to the end user, but also scenarios where PSI is seamlessly produced, communicated and used by software agents over digital networks.

Over the next 10 years, this latter scenario will most likely become dominant, with huge economical and social impact.



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# Thank you

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