







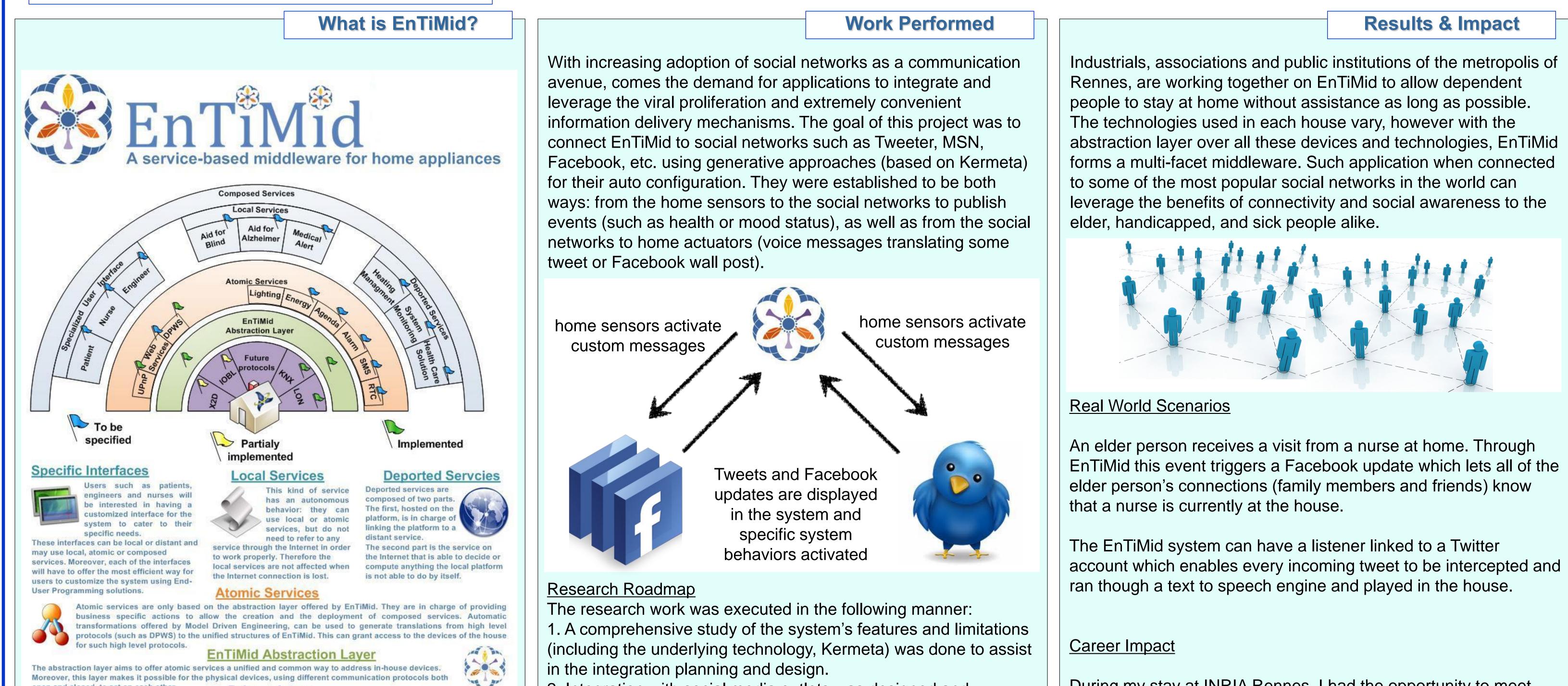
UNIVERSITY **Partnership for International Research and Education** A Global Living Laboratory for Cyberinfrastructure Application Enablement

Bilateral Integration of EnTiMid & Social Network Outlets

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I. Research Overview and Outcome



2. Integration with social media outlets was designed and architected to fulfill requirements.

3. Actual development in Java was performed to deliver the integration to Facebook and Twitter APIs.

4. Testing and quality control was conducted to assure the successful execution of the integration.

During my stay at INRIA Rennes, I had the opportunity to meet and interact with top engineers and researches from all over the world. This led me to begin a collaboration effort with two other researchers to build a software system with heavy commercial appeal. The system is currently at the prototype stage and financial funding for full development is being arranged.

II. International Experience

compliant with all other communication protocols

Drivers Layer

Drivers are in charge of the translation of the events from a physical device network to the unified message

structure offered by the EnTiMid abstraction layer. Due to their specificity, the platform counts driver per echnology used. The interesting point is that the translation from a particular protocol to a unified structure

could be automated by applying PIM to PSM using MDE transformations. This has to be done only once to be

open and closed, to act on each other.



Perhaps one of the things that impressed me the most during this experience were the installations of the INRIA research center at the Universite de Rennes 1. The building is environmentally friendly with plenty of sunlight and intelligent sensors to save energy. The facility houses around three hundred Researches, Engineers, Faculty members, and Masters and PhD students from all over the world. The building also has numerous meeting rooms and an auditorium as well as a very well equipped cafeteria lounge to promote a social scene among students. My studio was located within a short walk from the building right across from the university. With plenty of space, sunlight and an efficiency kitchen, my housing arrangement made my stay very convenient and pleasant.



The small but active city of Rennes is the capital of Bretagne and it is located 190 miles west of Paris. This city provides the perfect setting to experience the French culture at its finest. Rennes has a state of the art transportation system, vibrant music and art festivals, a wide variety of bars and restaurants, and a large population of students. The city has two main college campuses, Universite de Rennes 1 and 2, as well as other smaller specialty universities such as Agro Campus which focuses on Agriculture. During the long summer days, one can take a bus to either the north coast or the Atlantic coast to enjoy a day at the beach. Rennes has a small airport and a TGV station which makes it very convenient to travel around France and Europe while stationed in this charming French gem.

Travels Around France



III. Acknowledgement

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