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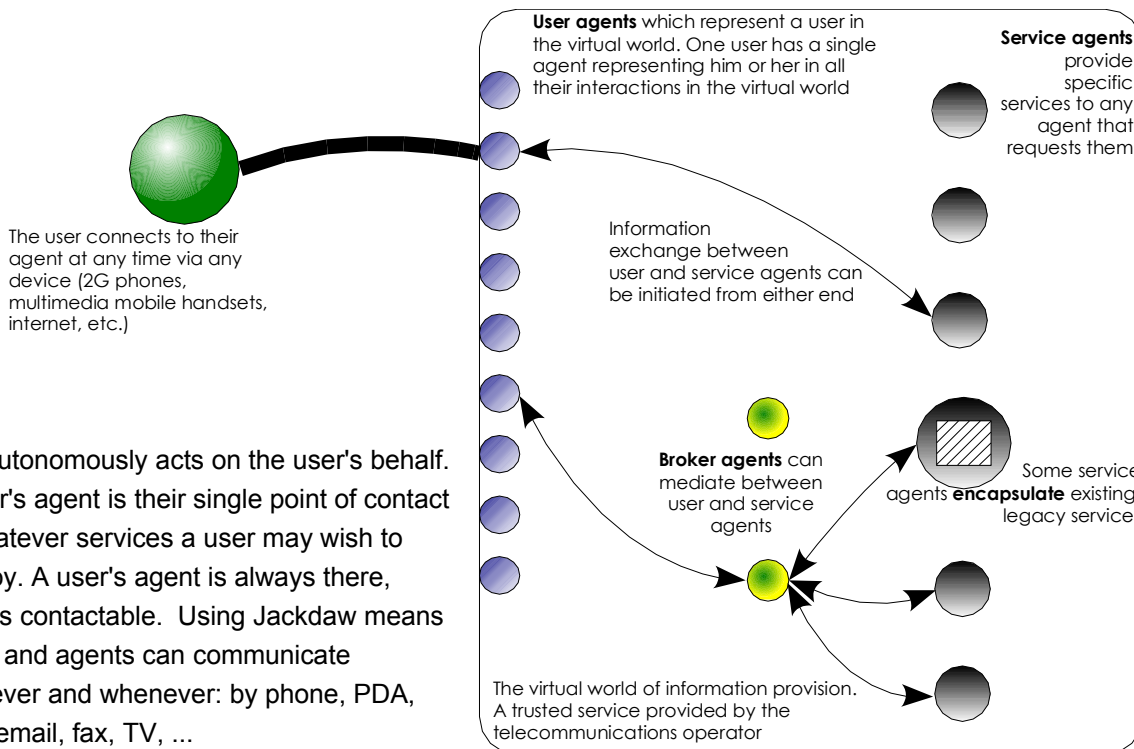
Jackdaw: A multi-agent platform for mobile services

Calico Jack's patent pending **Jackdaw™** provides a multi-agent system that works to integrate existing services, enhance security and provide mechanisms for new applications in the mobile world. Though technically sophisticated, the concept that Jackdaw implements is simple: one user is represented in the electronic world by one agent. That agent protects the user's data,

functionality is easily wrapped by agents to bring them into Jackdaw, simplifying migration.

Generic wrappers exist for many standards such as web services.

- **Security and Empowerment.** Agents do not release the data they hold without authorisation from their users. In this way they can empower users in areas such as health where security is



and autonomously acts on the user's behalf. A user's agent is their single point of contact to whatever services a user may wish to employ. A user's agent is always there, always contactable. Using Jackdaw means users and agents can communicate wherever and whenever: by phone, PDA, web, email, fax, TV, ...

Jackdaw offers many advantages to users, developers and mobile operators:

- **Reliability.** As a multi-agent system, Jackdaw is extremely resilient to circumstances which would cause other systems to fail.
- **Scalability.** Jackdaw supports ad-hoc networking of agent communities, supporting the creation of large (10^7+) systems.
- **Future Proof.** Jackdaw's architecture is easily maintained and enhanced. New functionality is simple to develop, install and upgrade.
- **Interaction, Integration and Migration.** Existing

paramount and patient data has traditionally been held by other stakeholders.

- **Modularity.** Jackdaw agents can quickly and easily be equipped with new functionality on the fly, without requiring either the system or the agent to be temporarily offline.
- **Novelty and USPs.** Jackdaw supports completely new types of applications and services which can deliver unique selling points to developers and operators.

Patents Pending: Nos. WO2005/029405, WO2005/066873