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The project will develop a network platform for collaborative applications that are scalable, efficient, reliable, and secure.



At a Glance

- Reduces the load on servers
- Lowers operating cost of the application by up to 80%
- Increases the maximum number of users that can be supported by the application
- Improves user experience.

What's Under the Hood

- Badumna enables the creation of highly scalable collaborative applications that can scale to truly massive player counts
- This is achieved by forming a peer-to-peer network of all the users and distributing the data processing across the network. Servers are only used for operations that require arbitration, validation or authentication
- Badumna has distributed spatial indexing algorithms that allow game state synchronisation without the presence of a central index
- A virtual world application to demonstrate Badumna functionality has been released recently. Please checkout FlatChat website at: www.badumna.com/flatchat.

Looking Ahead

Badumna will offer publishers a network engine that is highly scalable, robust, and secure. It will:

- Reduce their deployment costs significantly
- Lower greenhouse gas emissions by up to 80% by providing a cleaner alternative for application hosting.

Badumna currently supports Windows and Mac OS. Commercial trials are in progress. For more details visit: www.badumna.com.