A SECURE PRIVATE SOCIAL NETWORK FOR MACHINES AND PEOPLE -WITH LITTLE SISTER®

LITTLE SISTER® - WHAT IS IT?

Windows based private secure social network for machines and people. HTML5 Browser UI allows easy customization and localization. Use a social network paradigm to assign access and share data with trusted parties, which can be any combination of machines and people.

BUSINESS MODEL

Software platform SaaS (software as a service billed monthly) model and consultancy and training/accreditation.

PRODUCT

White label browser UI choose locale(s), customize for your brand, your use cases. Runs on Windows® 7 and 10. Compact single install software even runs on legacy hardware (tested on 2 GB 32 bit Win 10 compute stick). Little Sister® clients are installed on each PC used as a peer-to-peer node in your private social network.

Requires access to an XMPP Broker, for managing and setting up Little Sister® peers and connections.

Secure 24/7 chat support built in (automatically added to your contacts).

Send large files securely, 100MB tested. Auto or manual post tagging (metadata).

Customisable platform, API, use scripts and 3rd party apps for AI, Machine learning and more.

Low Latency (peer-to-peer) no cloud or VPN to add delay, this also reduces power requirements. Interfacing machines (via included IoT gateway), The following protocols are supported: XMPP, Soap or REST APIs, HTTP interfaces, web pages, CoAP, MQTT or UPnP interfaces. others can be developed on request.

End-to-end encryption and encrypted database storage (included) on each peer means your data is always GDPR compliant and secure with "privacy by design".
Additional security – all hardware can be "on premise" and you can create a SDN (Software Defined Network) for even better privacy/security.

ONBOARDING 1,2,3

1. IT project prepared and security policy training begins. Register XMPP domain, Install XMPP broker.

2. Install Little Sister® on each peer (includes encrypted database and IoT gateway), then register on the XMPP broker and create your XMPP id.

3. Invite and follow trusted peers (registered in the broker) to control access and share data in private.

Simplified Architecture

Broker manages/initiates peer
connections (all encrypted). Content
sent between the 4 **Little Sister**® peers.

—— XMPP Broker

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