

t+ Medical – Web Services Application Programming Interface

In addition to a web interface, t+Medical offers an API (Application Programming Interface) , using Web Services, that allows you to securely retrieve data separated from presentation.

Integrating the t+Medical SOAP Web Services API into your application is fast, simple, and reliable. Using well known technologies, HTTP and XML, the t+ SOAP Web Services API provides a secure, platform-independent and language-independent integration using the W3C standard WSDL (Web Services Definition Language) specification.

Functionality

- Secure retrieval of raw data
- Secure t+ messaging to users
- Supports standard email and SMS texts
- Full audit trail of Web Services activity

Quality

Developed to ISO9001, ISO13485, TickIT

Interoperability

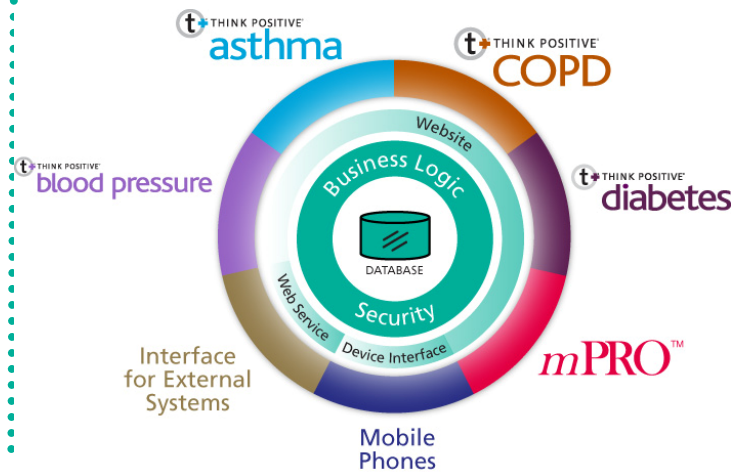
- Compatible with open standards
- Cross-platform communication with external applications adhering to same open standards (e.g.: J2EE and .Net)

Proven Technology Standards:



Technology Features:

- Operates over secure HTTPS transport protocol
- Common Java Authentication and Authorization Service (JAAS) token validation
- Shared JAAS role-based authentication





Standards Support

HTTP 1.1, SOAP 1.2, XML Schema 1.0, JAX-WS 1.2, WSDL 1.1

Interface Capabilities

Key API Feature Type	Functions
Blood Glucose Readings (t+diabetes only)	Retrieve patients blood glucose readings <ul style="list-style-type: none"> • based upon start date • based upon date range
Patient Personal Information (all t+ products)	Retrieve patients personal information <ul style="list-style-type: none"> • name • date of birth • address • hospital or healthcare number (e.g.:medicaid)
Patient Health Information (all t+ products)	Retrieve patients personal health settings <ul style="list-style-type: none"> • preferred dosage units • mobile device details
Diary (questionnaire) Submissions (all t+ products)	Retrieve raw XML containing diary response – one or more patients <ul style="list-style-type: none"> • based upon start date • based upon date range
Send Message to Patient (all t+ products)	Send message to patient <ul style="list-style-type: none"> • secure t+ message • standard email texts • standard SMS text

Web Service:

Secure SSL 128-bit protection
Role-based access control

API Developer Pack:

Sample commented code (in Java and .NET)
Documentation for public service methods



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