

Interreg
CENTRAL EUROPE



HoCare2.0

European Union
European Regional
Development Fund

Caretronic

Developer and manufacturer of the most advanced **Information- communication solutions** for health-care market

www.caretronic.com

Caretronic

Developer and manufacturer of advanced ICT solutions for health-care market



Tradition

- Established in **1991** with roots in **1962**.

Quality

- **ISO 9001:2015**
- **DIN VDE 0834** for Nurse Call Systems
- **Platinum creditworthiness AAA** – among top 3,7 % companies in Slovenia
- **Excellent SME** – internationally acknowledged credibility of company, recognized by Chamber of Commerce Slovenia

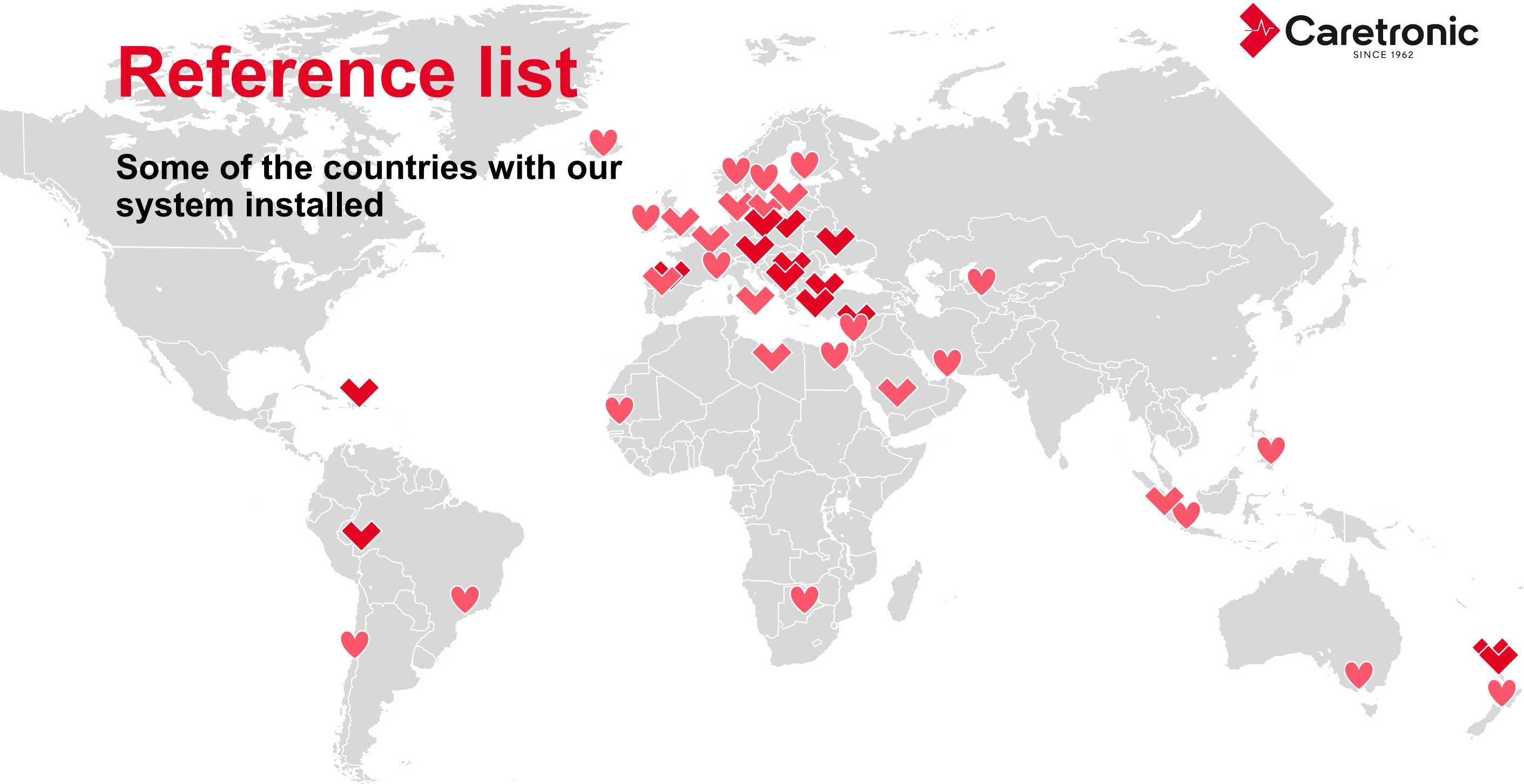
References

- More than 100.000 users
- More than 35 international markets



Reference list

Some of the countries with our system installed

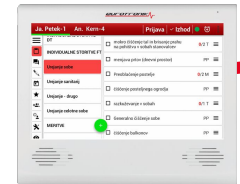


Solutions

SMART Hospital Aged
Care TeleCare



IP
NURSECALL
SYSTEM



DIGITAL
(HEALTH)CARE
DOCUMENTATION

REAL-TIME
LOCATING
SYSTEM AND
DEMENTIA
SYSTEM



FALL
PREVENTION
SYSTEM

NurseCare



SMART HOMECARE
SYSTEM



ENTERTAINMENT
SYSTEM



**Smart
HomeTab
system for
independent
living**

HoCare2.0 pilot project

Steps of the pilot

Presenting the solution, discussions about functionalities, taking into account suggestions and integration of improvements.

Target groups

- Elderly living alone
- Caregivers
- Nursing home (Management team, Head Nurse)

Key learning points

- Big bright buttons
- Loud HomeTab
- Reminders for medications
- Would like to use it
 - to feel safe
 - be more connected



Collaboration



R&D

TEST

FEEDBACK

End users



Our contribution

Dissemination, Exploitation: development of the business model, road to market (market introduction to care organizations, telecom companies, our international distributors' network. **Strong international network of distributors all around the world**

TECHNOLOGICAL partner:

Research and development:

Integration and development of Sensors: using various protocols and APIs (based on REST and webservice etc.), supporting the projects on the sensors design, system integration, multisensory integration

Software development:

- **Front-end;** communication platforms, **mobile applications, user interfaces** etc;
- **Specialized in design and development** of information systems for healthcare and health institutions, **back-end and front-end** development
- Development of **basic algorithms for machine learning and classification:** Naïve Bayes classifier, cosine similarity, clustering, etc.

Knowledge of Bootstrap, SynCFusion, Javascript, AJAX, jQuery, HTML, XML, CSS, ASP.NET, MVC, REST, C#, C++, C, Visual Basic, Java, Python, PHP, MS SQL, Windows, Linux, Android, Visual Studio, Eclipse, Wordpress, Xamarin, iOS, Nurse call systems development and device communication protocols (ESPA, RS485, DECT, SMS, etc.).

AI Expertise in Artificial Intelligence (AI) techniques, including machine learning (and deep learning), specialized in AI for medical applications, decision support systems and optimization.

Technical support on the market: second and third level technical support

Hardware development (Ethernet, Bluetooth Low Energy, 5G etc.)

Contact us:

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