



ProDairyWelfare – proactive productivity and health management in Dairy Farming



Facts & Figures

FACTS AT A GLANCE

Global market leader in **intra-ruminal measurement** of temperature, activity & pH

2009 founded as research project



2014 Foundation and commercialization with Basic and Premium sensor



1.8bn+ number of cow data points – growing every second!



70+ Countries with fulfillment of regulatory requirements



Horizon 2020 beneficiary of highly coveted EU project grant SME Instr. Phase 2



Numerous awards (e.g., Inel D'Or, AgraME, Eurotier Medal)



30.000+ sensors sold in **25+ countries**



FC **CE** approved

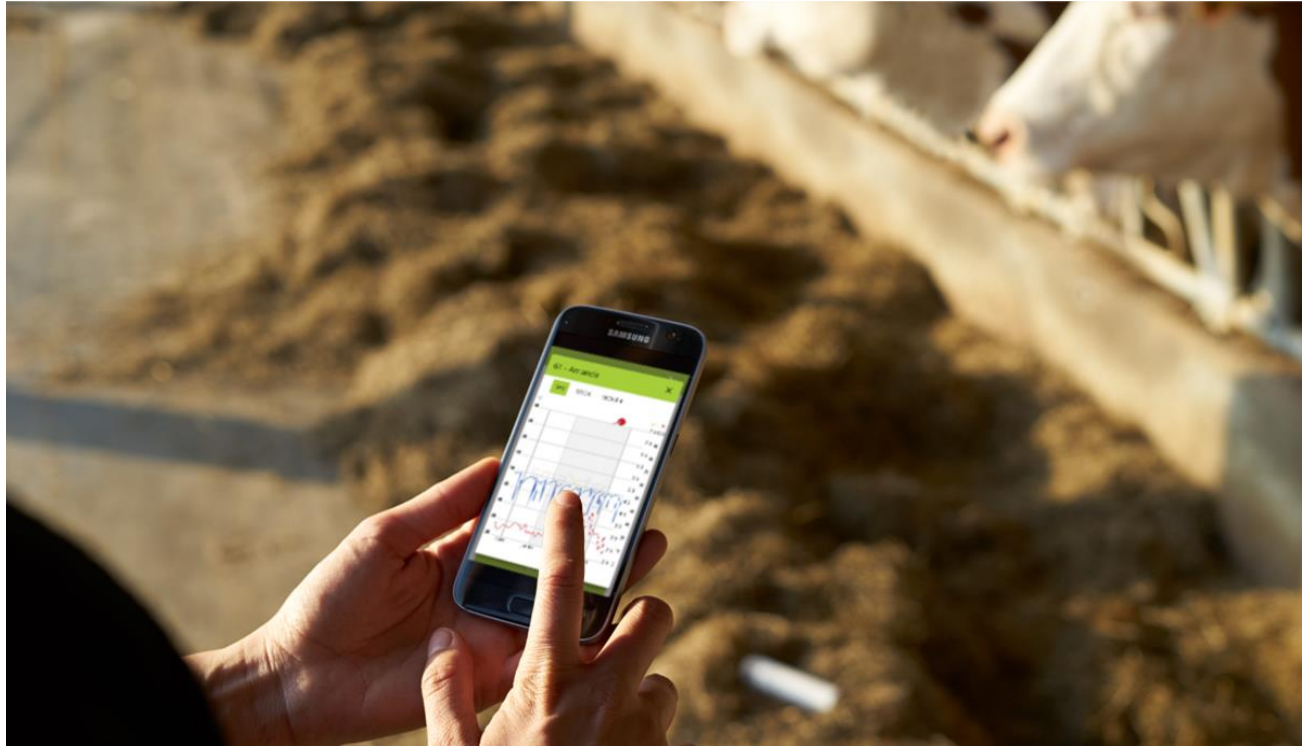
FDA 1 FDA approval

SMART MONITORING AND FEEDBACK WITH THE SMAXTEC SYSTEM



And increase your profitability!



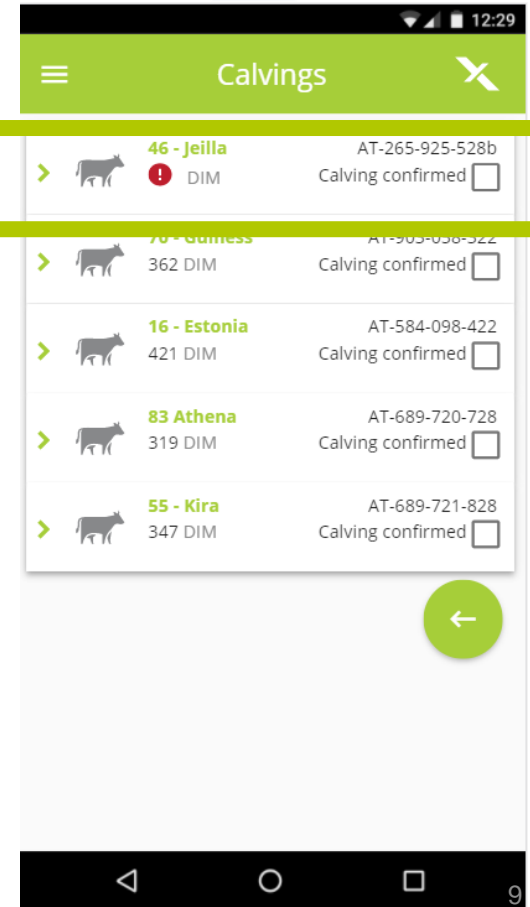
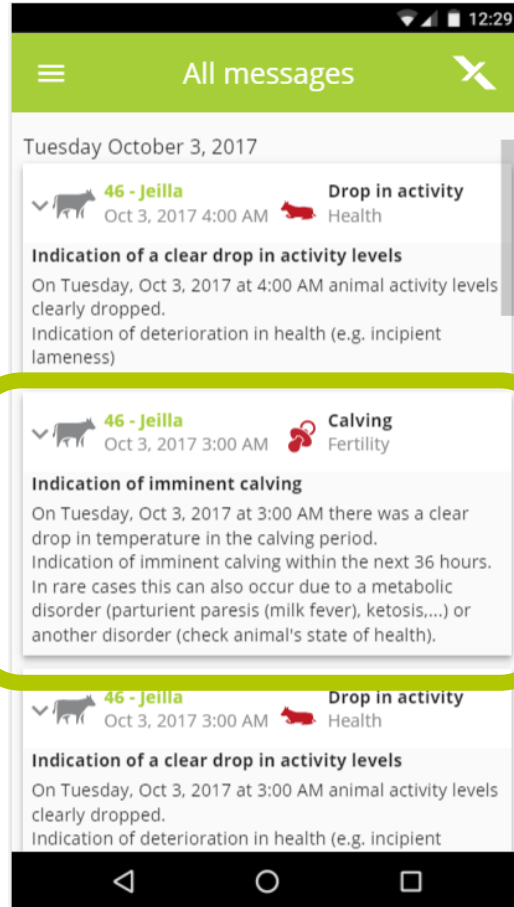
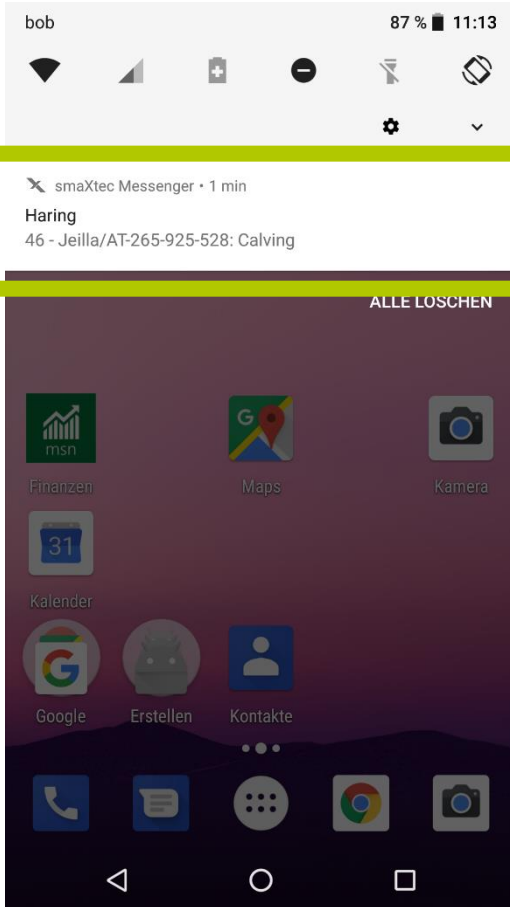


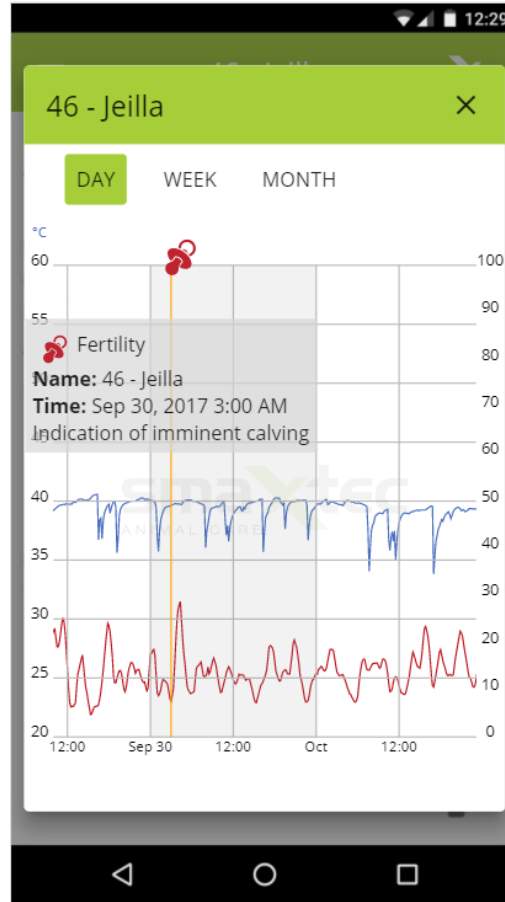


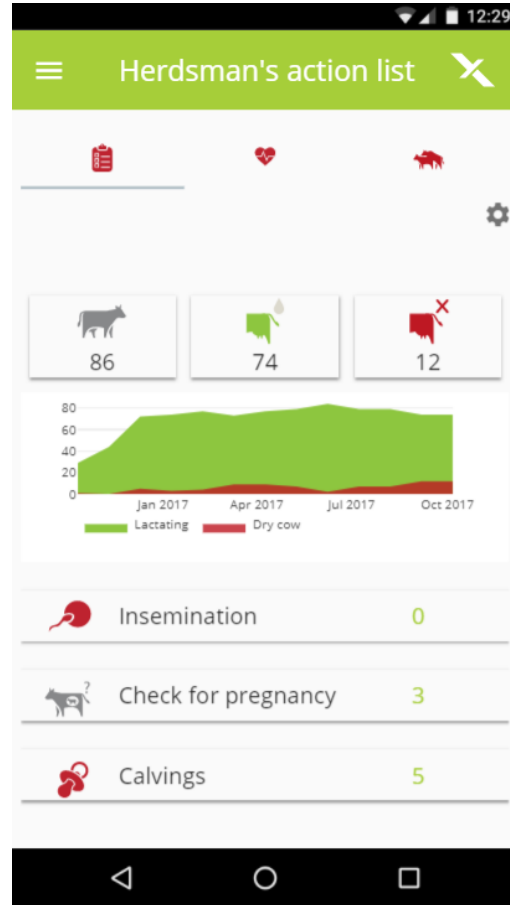




smaXtec messenger the mobile View









The Desktop View

Messenger 4.0

Sicher | <https://messenger.smaxtec.com/dashboard?organisation=5721e3f8a80a5f54c6315131>

smaxtec MESSENGER Search for animal ENGLISH (US) USER ACCOUNT

SMAXTEC DEMO FARM + DASHBOARD MESSAGES ANIMALS 1 + DEVICES 1 + GROUPS +

Herdsmen's action list

6	6	0
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Insemination	1
Check for pregnancy	0
Calvings	1

Health status

Whole herd

Check health	1
Suspicious fresh cows	0
Drinking status	0
Temperature increase	1
Temperature drop	0
Drop in activity levels	0
Risk of SARA	0

Fertility status

Whole herd

Fresh cows	1
Open cows	1
Pregnant	4
Suspicious cycle	0
Cows not in heat	0
Probable heifers	0

Messenger 4.0

Sicher | <https://messenger.smaxtec.com/dashboard?organisation=5721e3f8a80a5f54c6315131>

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Herdsmen's action list

6	6	0
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Health status

Whole herd

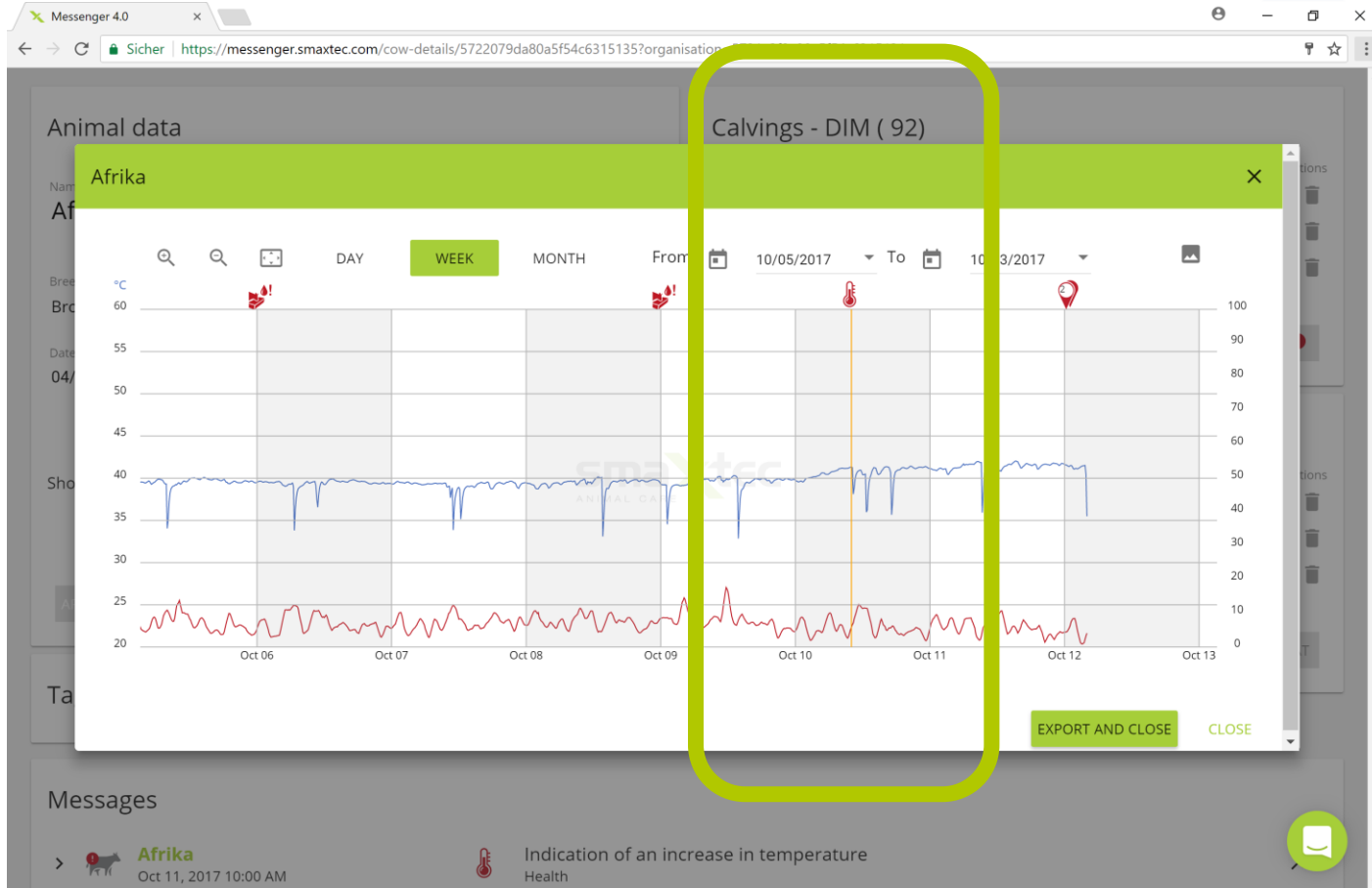
Fertility status

Whole herd

Insemination	1
Check for pregnancy	0
Calvings	1

Check health	1
Suspicious fresh cows	0
Drinking status	0
Temperature increase	1
Temperature drop	0
Drop in activity levels	0
Risk of SARA	0

Fresh cows	1
Open cows	1
Pregnant	4
Suspicious cycle	0
Cows not in heat	0



Messages

Afrika
Oct 11, 2017 10:00 AM

Indication of an increase in temperature
Health

Messenger 4.0

Sicher | <https://messenger.smaxtec.com/dashboard?organisation=5721e3f8a80a5f54c6315131>

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MESSAGES ANIMALS 1 DEVICES 1 GROUPS +

Herdsmen's action list

6	6	0
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Jan 2017 Apr 2017 Jul 2017 Oct 2017

— Lactating — Dry cow

Insemination	1
Check for pregnancy	0
Calvings	1

Health status

Whole herd

-14d to -7d -7d to today

Fertility status

Whole herd

3 months ago Today

Jan 2017 Apr 2017 Jul 2017 Oct 2017

— Calving to conception — Calving to first service

Fresh cows	1
Open cows	1
Pregnant	4
Suspicious cycle	0
Cows not in heat	0

Check health	1
Suspicious fresh cows	0
Drinking status	0
Temperature increase	1
Temperature drop	0
Drop in activity levels	0
Risk of SARA	0





ProDairyWelfare at a glance

*smaXtec 4.0 –
multifunctional Dairy
Cattle Sensor System for
a proactive productivity
and health management
in Dairy Farming*

Receives funding under the Horizon 2020 SME Instrument, the largest transnational research and innovation program



Goals of Horizon 2020 – funding of highly innovative solutions for major societal challenges



Goals of ProDairyWelfare – development of a decision making tool, which enables farmers to produce milk both in a cost-effective and sustainable manner in order to satisfy the increasing global demand for milk



Project period
February 2017 – February 2019



Project content

Comprehensive data and information collection of 2500 cows in farms of different sizes in

- Germany
- Netherlands
- Israel
- Ireland
- UK



Based on the collected data smaXtec will develop a tool for a precise and proactive health management for herds of all sizes.

We are looking to expand our team at our company headquarters in Graz and are currently seeking a curious, team-minded and most of all well-qualified

software developer

WHO ARE WE
We are a young high-tech company focusing on the development and sales of unique monitoring systems for applications in the animal care sector. With our innovative herd management tool we are a global market leader in our sector and are keen to take our success story to new international markets. We are currently looking to recruit enthusiastic and committed individuals to join our team.

WHAT TO EXPECT

- ✦ Programming and development activities with cutting-edge technologies in the software field (front-end and server development)
- ✦ Web and cloud development (Python, JavaScript, HTML, CSS, GIT (and/or Version Control))
- ✦ Autonomous implementation of projects
- ✦ Working as part of a highly motivated and creative team

WHAT WE EXPECT FROM YOU

- ✦ A university degree in a technical subject (Teleomatics, IT, Software Development etc.) or relevant professional experience
- ✦ Experience in front-end development and with technologies such as Flask, Tomado, FlaskMQ and REDIS
- ✦ Experience in the development of relevant solutions for our customers
- ✦ A passion for the development of English and German
- ✦ A good command of English and German
- ✦ A fascination for UX design is desirable

WHAT YOU CAN EXPECT FROM US

- ✦ Challenging work in a dynamic company – the global market leader in its sector
- ✦ The opportunity to make the most of the huge growth potential
- ✦ A corporate culture which promotes diversity and training and encourages enthusiasm
- ✦ Flat hierarchie and scope for working independently and assuming responsibility
- ✦ Activities focused on long-term and sustainable success
- ✦ Working as part of a successful and ambitious team

Depending on qualifications and professional experience, the successful candidate will be paid an annual gross salary of at least EUR 35,000. The actual salary will be negotiated in a personal interview.

We look forward to receiving your application my email: careers@smaxtec.com



smaxtec
MAKING MONITORING

We are looking to expand our team at our company headquarters in Graz and are currently seeking a curious, team-minded and most of all well-qualified

lead data scientist

WHO ARE WE
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WHAT TO EXPECT

- ✦ Analysis of sensor data
- ✦ Specification and implementation of automatized analysis systems
- ✦ Programming activities (Cloudsystem, Python)
- ✦ Development of algorithms
- ✦ Autonomous implementation of projects
- ✦ Working as part of a highly motivated and creative team

WHAT WE EXPECT FROM YOU

- ✦ A university degree in a technical subject (Teleomatics, IT, Mathematics, Software Development etc.) or relevant professional experience
- ✦ Several years' professional experience in data analysis, machine learning
- ✦ Additional experience in GIT (and/or Version Control) beneficial
- ✦ A passion for the development of relevant solutions for our customers
- ✦ A good command of English and German

WHAT YOU CAN EXPECT FROM US

- ✦ Challenging work in a dynamic company – the global market leader in its sector
- ✦ The opportunity to make the most of the huge growth potential
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- ✦ Working as part of a successful and ambitious team

Depending on qualifications and professional experience, the successful candidate will be paid an annual gross salary of at least EUR 40,000. The actual salary will be negotiated in a personal interview.

We look forward to receiving your application by email: careers@smaxtec.com



smaxtec

My Invitation

We are an experienced partner in research projects.

You all here have immense knowledge about how to interpret data.

Anything that helps us translate data to our customers is highly appreciated.

Help us answer questions to our end customers.





THANK YOU

LIVE from the inside

Mario FALLAST

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