

ROVION®

Rediscover pipeline inspection





Over 25 Years iPEK - A success story made in Kleinwalsertal (Little Walser Valley)

1988 - First b/w camera

25 years ago, engineer Peter Kessler built his first own black and white camera in a basement in Sonthofen, Germany. He founded the company iPEK Kessler GmbH thus laying the foundation for iPEK's success story. In 1990, Peter Kessler founded iPEK Spezial-TV GesmbH & Co. KG in Riezlern (Kleinwalsertal, Austria) paving the way for iPEK's rise to one of the leading pipeline inspection camera suppliers worldwide. The nineteen-nineties were marked by the development and construction of the first color camera systems.

2007 - Over 100 employees

In 2007, iPEK hit the limits of available space at the production facilities in Kleinwalsertal. To make room for the now more than 100 employees, the company expanded by opening a new subsidiary in the commercial area of Sulzberg near Kempten, Germany. Here manufacturing facilities and a service center have been erected in the following years.

2013 - 25 years of success

In 2013, iPEK is a globally active company with a well-established product portfolio. The most recent development towards a system able to meet any pipeline inspection requirements due to its flexible and modular structure makes us confident that iPEK is ready for today's and tomorrow's challenges.

2015 – Product division inspection vehicles

With the fully equipped, ready-to-use inspection vehicles iPEK takes the next logical step towards fulfilling the customer's needs at best. Based on two different vehicles categories two general concepts with diversified configuration options for different needs and fields of application are available.

2001 - Introduction of SUPERVISION

By the turn of the millennium, the company employed about 50 people. In 2001, iPEK launched its brand-new SUPERVISION inspection system, which was excellently received. Simultaneously, the DIGISEWER fish-eye camera was developed and introduced into the market. These two products greatly contributed to consolidating iPEK's position as a pioneer in the field of pipeline inspection systems. In the following years, iPEK further enhanced its product range by developing the borehole camera and the pan & tilt head camera SK 80.

2008 - iPEK joins IDEX

As the global demand for iPEK's inspection systems has been constantly increasing, going ahead in the direction of an international corporation became inevitable. At the end of 2008, iPEK joined the American corporation IDEX. From then on, an international network of employees helped to further expand iPEK's leading position in the pipeline inspection market worldwide.

2014 - Introduction of ROVION and AGILIOS

To reach the degree of safety when working in explosion-protected zones iPEK introduced the pipeline inspection systems ROVION^{®EX} and AGILIOS^{™EX}.

2016 – XPECTION[©] Launch

In 2016 iPEK launched the new XPECTION[©] sewer cleaning system. The live video picture guarantees a continuous monitoring of the cleaning process. The system enables a demand-oriented cleaning process and thus saves time, money and resources.

SK 80 ROVVER SUPER VISION DIGISEWER VISIONCONTROL AGILIOS SUPERVISION  VISIONREPORT ROVION DESKTOPCONTROL AGILIOS  ROVION INSPEKTIONSFahrzeuge XPECTION

1988 – 2016 over 25 years of technical innovation

WORLDWIDE



In use in more than 100 countries worldwide

Flexible challenges, high demands

iPEK pipeline inspection systems are in operation in more than 100 countries worldwide proving the enormous flexibility of our products regarding the great diversity of tasks to be mastered in the pipeline inspection industry. Pipeline network infrastructure and legislation vary from country to country and also climatic conditions and personnel requirements keep changing.

Therefore one of iPEK's major concerns is to provide highest-quality systems, easy to operate and extremely robust. This way we can strengthen our position in the international markets and customize our systems to meet local requirements.

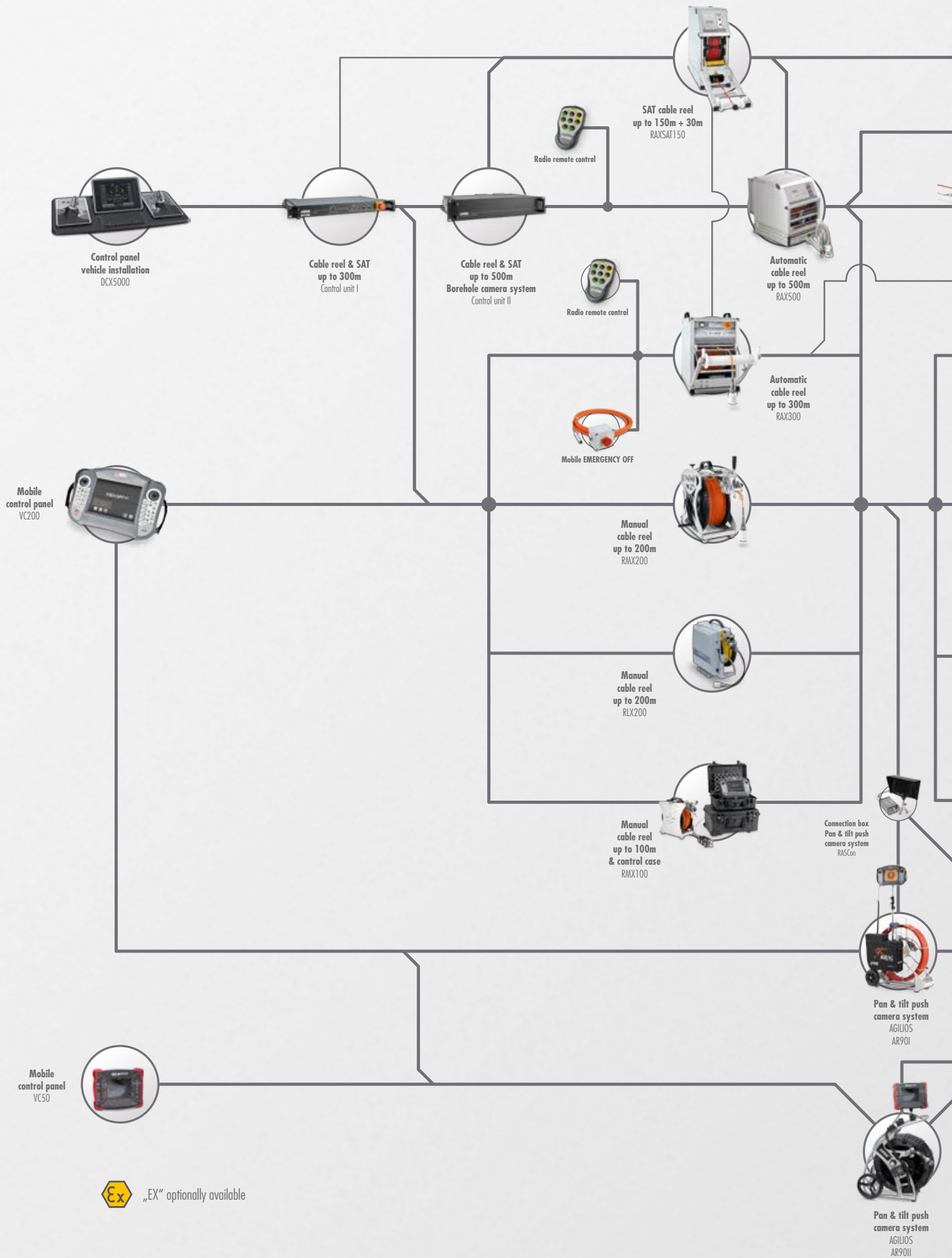
Perfect service network

Our service partners are continuously being trained to provide high-level service and maintenance for iPEK products. This guarantees short down-times and a qualified service partner near our customers' locations.

During the past 25 years we have grown to become a "large family" together with our partners, where communication and continued development, but also criticism are part of our day-to-day business. Our partners are our "eyes and ears" in the field monitoring and reporting on the daily needs of our customers.

CONTROL PANELS

CABLE REELS



CRAWLER

AUXILIARY LIGHTS

CAMERAS



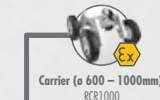
SAT-crawler
ø 150mm - 600mm
RX140SAT



Crawler
ø 400mm - 1300mm
RX400



Elevator extension (ø 1300 - 2000mm)
EX1400



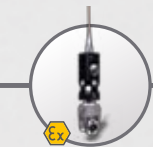
Carrier (ø 600 - 1000mm)
RCR1000



Elevator (ø 300 - 600mm)
RED200



Crawler
ø 140mm - 300mm
RX130



Camera adapter
ø up to 100 mm
RCC90



Crawler
ø 100mm - 200mm
RX95



Auxiliary light
for fish eye camera
ø 600mm - 1000mm
RAL1000-DSIII



Auxiliary light
for P&T zoom camera
ø 600mm - 1000mm
RAL1000-RCK90



Auxiliary light
with backeye camera
ø 200mm - 600mm
RAL200



Auxiliary light
ø 200mm - 600mm
RAL130



Borehole camera &
rotation unit
ø 150mm - 500mm
SVC110 & RET100



Fish eye camera
ø 200mm - 1000mm
DSIII



7-dot laser ring for
diameter and
deformation measurement
ø 200mm - 400mm



P&T zoom camera
ø 146mm - 2000mm
RCK90



Laser ShapeScanner LSS for
diameter and
deformation measurement
ø 150mm - 700mm
LSS RCK90

Crawler adapter
RCC70



Spring connection
SP70



P&T camera
ø 79mm - 300mm
PTP70II



P&T camera
ø 100mm - 300mm
PTC50



Axial camera
ø 100mm - 200mm
RAC50



P&T camera
ø 56mm - 300mm
PTP50



Axial camera
ø 56mm - 200mm
ACS2



Axial camera
ø 44mm - 200mm
AC40

START

Flexible Entry-level solutions



EASY START

iPEK START

iPEK offers an easy START into the pipeline inspection market. The AGILIOS™ system lays the foundation for successful growth. Start with this basic system and add further components as required. Use the manual cable reels with cable lengths of up to 200m, choose between the different crawler models or the three camera heads available. The system continues to grow along with your tasks thus representing a safe investment into your business planning.



MOBILE

Mobile inspection and crawler systems



INSPECTION SYSTEMS TO GO

iPEK - MOBILE

Easy, quick, MOBILE working with a sophisticated inspection system: that's what the ROVION®-system stands for. Despite a cable length of 300m the RAX300 cable reel is still suitable for mobile use. It only requires a 240V power socket and — depending on the crawler used — you can start to inspect pipelines with diameters ranging from 100mm to 1000mm. The VC200 control panel offers all the required and established inspection standards for this purpose. The result can easily be viewed on a PC or exported to e.g. the WinCan Software for further processing.



READY FOR ALL KINDS OF TASKS

TRUCK

Complete systems, custom-built vehicles, municipal applications

iPEK TRUCK

With its ergonomic design the DCX5000 control panel is the core control unit of custom-built vehicles equipped with the iPEK ROVION® System. Here you are optimally prepared for all kinds of tasks. Inspections of pipelines with a diameter up to 2000mm, checking of branch pipelines by means of the satellite system or examination of boreholes up to 500m depth. All options in one system!



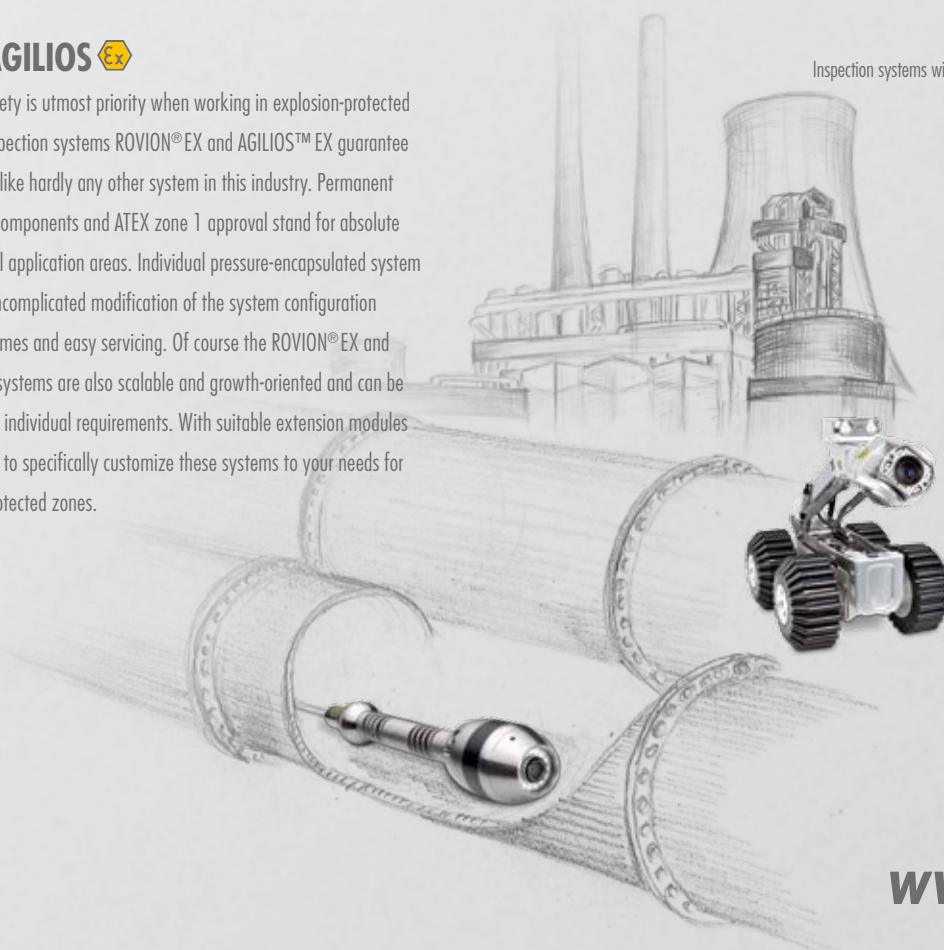
SAFE IN EXPLOSION-PROTECTED ZONES



ROVION AGILIOS

Inspection systems with explosion protection technology

The highest degree of safety is utmost priority when working in explosion-protected zones. iPEK's pipeline inspection systems ROVION®EX and AGILIOS™ EX guarantee to meet this requirement like hardly any other system in this industry. Permanent monitoring of the single components and ATEX zone 1 approval stand for absolute safety and reliability in all application areas. Individual pressure-encapsulated system components enable an uncomplicated modification of the system configuration and ensure short set-up times and easy servicing. Of course the ROVION®EX and AGILIOS™ EX inspection systems are also scalable and growth-oriented and can be tailored according to your individual requirements. With suitable extension modules iPEK offers the possibility to specifically customize these systems to your needs for operation in explosion-protected zones.



www.ipek.at



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