

## Southwest Microwave and GEUTEBRÜCK

Microwave detection + video security – perfect perimeter security



### GeMIP and G-SWM

Our interfaces interpret, integrate and combine the two technologies.

Complete perimeter security of a site is without a doubt one of the most demanding tasks in the security industry and it places the highest demands on the technological implementation.

Any attempt by a person to enter the premises must be detected, localized and reported in real time in order to initiate the appropriate countermeasures immediately. And this has to happen during the day, at night, in any environmental conditions, reliably and without nuisance alarms, for example due to the movement of small animals.

The most effective solution for these requirements is provided by the combination of perimeter detection systems (fence, buried or microwave sensors) and a professional GEUTEBRÜCK video security system.

Our GeMIP and G-SWM interfaces create the perfect data exchange between detection systems from Southwest Microwave and your GEUTEBRÜCK video security system.






All Southwest Microwave messages are interpreted by our video management system and used for real-time control of live video monitor activation, camera tracking (PTZ cameras), digital image recording and much more.

We also recommend using our video analysis in parallel to this system. Our certified G-Tect/VMX analysis algorithm distinguishes in real-

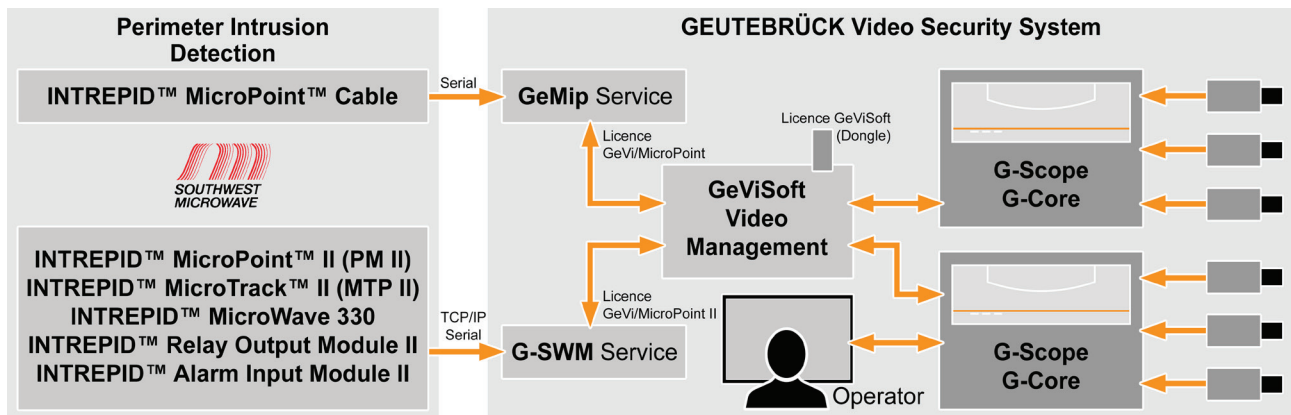
time between persons, vehicles or small animals and recognizes the size, direction and speed of each object.

You keep the intruder in view and see exactly where it is going.

### Two specialists working together hand in hand:

-  Patented Southwest Microwave technology detects individuals with an accuracy of 1 - 3 m using fence sensors, underground (buried) detection cables or wireless microwave links.
-  GeMIP and G-SWM, our interfaces, transfer all Southwest Microwave control protocols to the GEUTEBRÜCK video security system in real time.
-  GeViSoft, the intelligent management system, automatically controls, configured to your needs, all alarm responses and follow-up actions.
-  G-Tect/VMX, GEUTEBRÜCK's video analysis system, classifies and tracks objects that trigger an alarm.
-  User-focused operating concept – you can see, recognize and identify within seconds. Operation, analysis and documentation is intuitive and self-explanatory.

## System overview



### Examples of possible alarm responses and follow-up actions of the system

- Fully automatic monitor activation of cameras that capture that fence segment that triggered the alarm – as a live image and at the time of the alarm, in the control center, on mobile devices or via e-mail notification.
- Automatic position control of PTZ cameras, controlled by the alarm from the segment of the perimeter sensor and subsequently by the video analysis (object tracking).
- Start of alarm recording with simultaneous storage of the recorded prehistory.
- Display of defined additional information or instructions in the alarm images.
- Manual export or forwarding of the entire alarm video recording.

### Required licenses and compatibility with Southwest Microwave systems

- GEUTEBRÜCK GeViSoft (Dongle) license**
- GEUTEBRÜCK GeMip license**  
License/GeVi/MicroPoint, order no. 8.20225  
compatible with:  
**INTREPID™ MicroPoint™ Cable**  
(detection system for fences)
- GEUTEBRÜCK G-SWM license**  
License/GeVi/MicroPoint II, order no. 8.20226  
compatible with:  
**INTREPID™ MicroPoint™ II (PM II)**  
(2nd generation of the detection system for fences)  
**INTREPID™ MicroTrack™ II (MTP II)**  
(system with detection cables laid under the ground)  
**INTREPID™ MicroWave 330**  
(digital microwave detection system)  
**INTREPID™ Alarm Input Module II**  
(alarm input contacts)  
**INTREPID™ Relay Output Module II**  
(relay outputs)

### About Southwest Microwave and GEUTEBRÜCK Experience makes all the difference.

**Southwest Microwave** is the world market leader in the Intrusion Detection sector, manufacturing the world's most comprehensive range of electronic perimeter detection systems since 1971.

[www.southwestmicrowave.com](http://www.southwestmicrowave.com)

For over 40 years, **GEUTEBRÜCK** has been a specialist in the development and production of innovative security systems for demanding users worldwide.

Submitted by

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