Lund, June 21, 2016

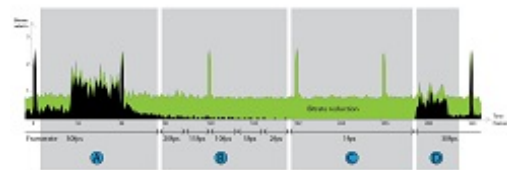# New dynamic frame rate in Axis' Zipstream technology saves even more storage and bandwidth

The latest enhancement of Axis' Zipstream technology now offers even more storage and bandwidth savings in video surveillance applications without compromising on important image details. It is fully compatible with the widely adopted H.264 video compression standard.

Axis Communications, the market leader in network video, introduces an enhancement of its award-winning Zipstream video compression technology. It now dynamically adjusts the frame rate, instantly adapting to any changes in the scene. The new dynamic frame rate feature offers significant additional bandwidth and storage savings for video surveillance applications.

"Ensuring that important image details are captured at all times is what really counts for our customers. Being able to reduce the bitrate to almost zero when there is no activity means you get everything you need with less of what you don't. "We are working very closely with our partners and customers listening to ideas and suggestions for improvements to our Zipstream technology. One area where we have seen particularly strong demand for even further reduction of bandwidth

The enhanced Axis' Zipstream technology instantly adapts to changes in the scene and is dynamically adjusting the frame rate. This significantly reduces storage and bandwidth requirements without compromising important forensic image details.

A. Movement of objects or people in the scene
B. Less movement and changing activity levels in the scene.
C. During a period without any activity in a completely static scene the frame rate decreases to almost zero.
D. The camera instantly returns to 30 fps when movement of objects or people is detected.

and storage consumption is that of continuous recording of scenes with changing activity levels," says Johan Paulsson, Chief Technology Officer, Axis Communications. That\'s what we have achieved with the latest enhancement of Zipstream."

Zipstream offers significant cost savings as less storage is needed and existing storage can be used more effectively. It allows customers to make use of a camera\'s full resolution and advanced image processing capabilities such as Wide Dynamic Range (WDR) or Axis' Lightfinder technology while at the same time significantly reducing bandwidth and storage requirements. For edge storage applications where video surveillance footage is stored on SD memory cards inside the cameras, the increased retention time is a very clear advantage. For cloud storage applications, the reduction in bandwidth consumption allows for more reliable uploads and reduces broadband connection costs.

Important forensic details like faces, tattoos or license plates are isolated and preserved by Zipstream, while irrelevant areas such as white walls, lawns and vegetation are sacrificed by smoothing in order to achieve the desired bandwidth and storage savings. The latest enhancement

of the Zipstream technology adds the concept of dynamic FPS (frames per second) to optimize the video stream\'s bit rate as an addition to the concepts of dynamic ROI (region of interest) and dynamic GOP (Group of Pictures) being used in existing Zipstream technology. Users have full control over the settings and can customize Zipstream to optimally meet their specific video surveillance needs.

Axis' Zipstream technology with dynamic frame rate is planned to be available in July 2016.

For photos and other resources, please visit:
http://www.axis.com/corporate/press/press_material.htm?key=zipstream

For more information and White Paper, please visit:
http://www.axis.com/zipstream

For further information about Axis Communications, please contact:
Madeleine Eibrand, PR Specialist, Axis Communications
Phone: + 46 46 272 1800, E-mail: pressoffice@axis.com.

About Axis
Axis offers intelligent security solutions that enable a smarter, safer world. As the market leader in network video, Axis is driving the industry by continually launching innovative network products based on an open platform - delivering high value to customers through a global partner network. Axis has long-term relationships with partners and provides them with knowledge and ground-breaking network products in existing and new markets.

Axis has more than 2,100 dedicated employees in more than 50 countries around the world, supported by a global network of over 80,000 partners. Founded in 1984, Axis is a Sweden-based company listed on NASDAQ Stockholm under the ticker AXIS. For more information about Axis, please visit our website www.axis.com.