

SOFTWARE DEVELOPMENT KIT

UNIVERSAL WEB VIDEO DEWARPING

Supporting over 30 security camera brands, this award-winning HTML5 video viewer SDK includes a wide array of dewarping features for the integration of both Panomorph and fisheye lens technologies.

AVAILABLE FOR LIVE OR RECORDED VIEWING

- Compatible for Web and Cloud applications
- No app required to run the processing
- Available for Chrome, Firefox, Safari, Edge and others
- Supports hardware acceleration
- Also available for Windows, Linux, Android and iOS



FOR CLOUD SECURITY

Professional security management and storage services/solutions
Home security



FOR VMS PROVIDERS

Thin clients
Cloud-based video management solutions



FOR OEMS/ODMs

Cameras web interfaces
NVRs web interfaces
Cloud-based video management solutions
VMS thin clients

FUNCTIONALITIES

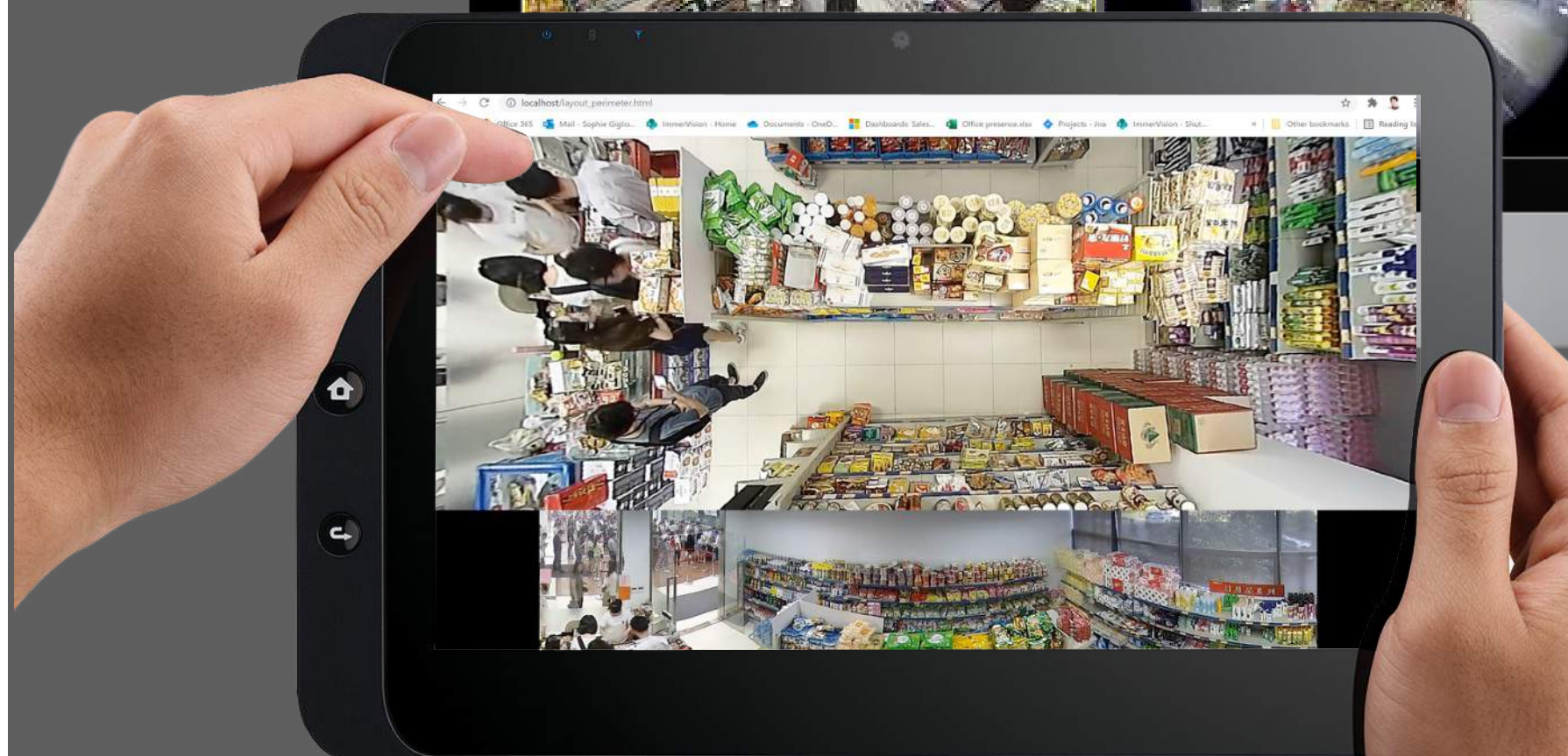
- Advanced Panomorph lens dewarping
- Advanced Fisheye lens dewarping
- Single camera real-time navigation (pan, tilt, etc.)
- Zoom in/out
- Multiple simultaneous views (layers)
- UX: Mobile (touch) and PC (mouse)
- f-Theta (fisheye) as an option
- Data-in-picture compatibility
- HTML5 WebGL player sample code
- Compatible with Chrome, Edge, Firefox and Safari

WEB BROWSER COMPATIBILITY

	CHROME	EDGE	FIREFOX	SAFARI	WEBKIT	WEBVIEW
HLS H.264	Yes	Yes	Yes	Yes	Yes	YES
HLS H.265	No	No	No	Yes	WIP	No
Hardware Acceleration	Available	Available	Available	Available	Available	Available



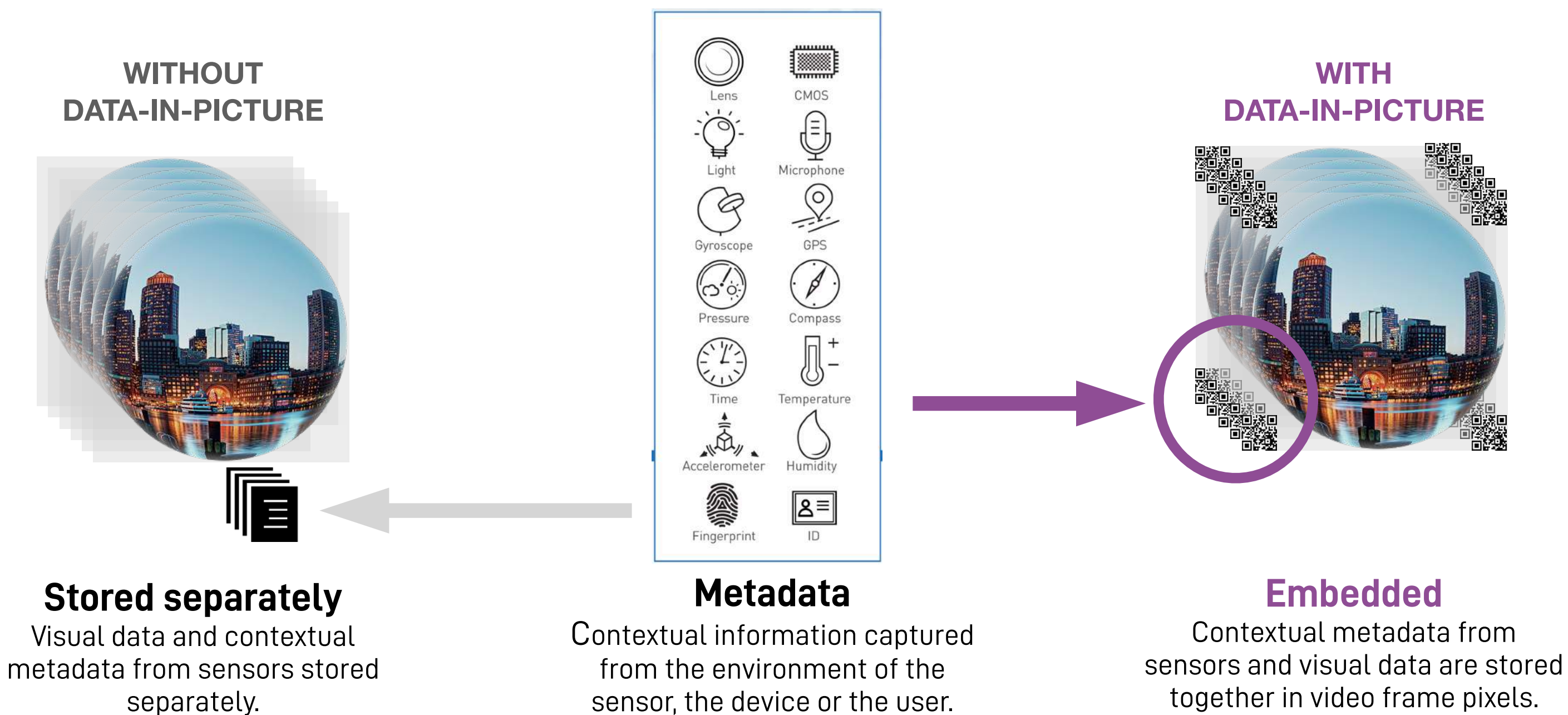
Many different views for optimal performance and flexibility



Real-time navigation such as pan and tilt in the browser

INTEGRATES WITH DATA-IN-PICTURE TO ENABLES SENSOR FUSION

Through a radical shift in data capture, Data-in-Picture technology solves the pain points of legacy video metadata, offering significant benefits such as: sensor fusion enhanced consistency, accurate synchronization, easier live streaming, and multi-platform support. Data-in-Picture **enables the capture of AI-ready visual data and metadata** overcoming a technology hurdle ubiquitous across industries.



ALSO AVAILABLE FOR WINDOWS, LINUX, ANDROID AND IOS

HTML5 SDK

- The web browser is doing the processing
- Supports uncompressed frame buffer
- Supports Data-in-Picture reading of all QR codes
- Supports single camera only
- Supports field of view stabilization
- Video streaming and decoding are not part of the SDK

SDK FOR WINDOWS, LINUX, ANDROID, IOS

- The application integrating the SDK is doing the processing
- Supports uncompressed frame buffer
- Supports Data-in-Picture reading of all QR codes
- Supports single camera and dual camera
- Supports stitching of back-to-back cameras
- Supports field of view stabilization
- Video streaming and decoding are not part of the SDK