BCD Field Interview Kit
DWS
Powered by Dynamic Workflow Solutions

SOLUTION OVERVIEW

Secure interview recording in one rugged tablet

The interview room, in one rugged tablet

The Field Interview Kit (FIK) is a single rugged handheld device that records interviews with its own built-in front and rear cameras, running DWS Orchestrate Interview on the Dell Pro Rugged 12. There is no extra equipment to carry and no cabling to connect: investigators launch, record, and upload, and each interview flows into the BCD Field Intelligence System (FIS) and on to the BCD Digital Asset Engine with chain of custody intact.

One device
the only hardware, with no cameras, cables, or recorders to set up

8MP + 11MP
front and rear cameras built into the tablet

SHA-2
hashing with chain of custody and standard reports for every interview

IP66
dust-tight, water-jet resistant, and tested to MIL-STD-810H

THE CHALLENGE

Interviews happen outside the room
Victims, witnesses, and subjects are often interviewed at the scene, in a vehicle, or on location, far from a fixed, wired interview room.

Recordings invite challenge
An interview without hashing and a custody record is exposed to claims of tampering and false accusation.

Equipment gets in the way
Portable setups with separate cameras, recorders, and cables take time to set up before the first question is asked.

Statements live apart from evidence
Interviews recorded on separate systems end up disconnected from the scene evidence collected for the same case.

WHAT FIK DOES

One-tap recording
A simplified interface puts the interviewer in control of the recording process with a single tap.

Continuous buffering
Orchestrate Interview's continuous buffer writes video and audio to local storage, so FIK never misses a moment.

Video and audio masking
Video can be visually masked for privacy and audio muted without stopping the recording.

Built-in cameras
The tablet's 8MP front and 11MP rear cameras capture the subject or the scene with nothing else to connect.

Bookmarks and metadata
Bookmark, annotate, and comment in real time, with customizable metadata forms, required fields, and dropdown lists.

Secure live streaming
Authorized viewers watch live from anywhere on the network, with a temporary password scoped to each interview.

HOW IT WORKS

1. **Launch** — Pick up the tablet and open Interview. There is nothing to cable or configure.
2. **Record** — One tap starts recording on the front or rear camera.
3. **Mark** — Bookmarks, annotations, and metadata are added during the interview.
4. **Upload** — The hashed MP4 and custody report move into the case in BCD FIS.
5. **Retain** — FIS syncs the case to the Digital Asset Engine for tiered retention.

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SOLUTION OVERVIEW
Built on Dell, powered by DWS

Built on Dell. Powered by DWS.

The Dell Pro Rugged 12 is the only hardware in FIK. A fully rugged 12-inch tablet with built-in front and rear cameras, a 1,200-nit outdoor display, IP66 sealing, and MIL-STD-810H drop testing, it records, reviews, and uploads interviews from a single handheld device.



DELL Technologies DWS Dynamic Workflow Solutions

DELL PRO RUGGED 12 TABLET

DEPLOYMENT OPTIONS

1
In the field
At the scene or outdoors, readable in bright sunlight.

2
In a vehicle
In a patrol car or command post, over Wi-Fi 7 or 5G.

3
In any room
In a hospital, home, or office, with no wired room.

FIELD PLATFORM

Role	Dell Pro Rugged 12 (RA02260)	Contribution to the interview
Cameras	8MP front, 11MP rear	Records the subject or the scene, with no external cameras.
Display	12-inch FHD+ touchscreen, 1,200 nits	One-tap control and on-the-spot review, even in direct sunlight.
Processing	Intel Core Ultra 7 266V vPro, 48 TOPS NPU	Responsive recording and playback; NPU for edge AI tasks.
Storage	256GB to 2TB NVMe SSD, removable option	Holds the continuous buffer and recordings locally until upload.
Durability	IP66, MIL-STD-810H, sealed ports	Survives rain, dust, vibration, and repeated 4-foot drops.
Connectivity	Wi-Fi 7, optional 5G, hot-swap batteries	Live streaming and upload to FIS, through long interviews.
Software	DWS Orchestrate Interview	Recording, masking, and audit trails; cloud or on-premises.

WHERE IT FITS IN THE BCD ISG ARCHITECTURE

LAYER 01
Edge Hardware
Rugged 12 tablet FIK
FIS field kit
Digital Asset Workstation
Linux and Windows servers

LAYER 02
Orchestration
Orchestrate Interview
Digital Asset Engine
Hybrid 5.0 e-DAMS
Data Central Evidence Engine

LAYER 03
AI-Driven Processing
Redaction
Transcription
Translation
Visual search, agentic AI

LAYER 04
Storage and Retention
On-premises Dell
Hot cloud object
Tiered cloud
Offline, long-term

Intelligently managed end to end by the Digital Asset Engine and Hybrid 5.0

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SOLUTION OVERVIEW

For the evidence management community

FROM FIK TO FIS TO THE DIGITAL ASSET ENGINE

1
FIK
Records the statement on the tablet, SHA-2 hashed.

2
BCD FIS
Places the interview in the same case as scene evidence.

3
BCD Digital Asset Engine
Manages, tiers, and retains interviews and evidence together with Hybrid 5.0.

Interview recordings are standard H.264 MP4 files, the same format FIS normalizes to, so statements and scene evidence can live side by side in one case.

SECURITY AND CHAIN OF CUSTODY

Tamper-evident technology
SHA-2 hashing and chain of custody with standard reports.

Multiple owners
Several owners steward each interview.

Privacy without gaps
Masking and muting never stop the recording.

No transfer hops
One device, no SD cards or camera cables.

Controlled live access
Owners allow streams with temporary passwords.

Complete audit trail
Audit trails managed with authentication and metadata.

WHY BCD ISG

- **One device:** the tablet is the entire kit, with nothing to set up.
- **Rugged by design:** Dell Pro Rugged 12, IP66 and MIL-STD-810H.
- **Simple by design:** launch, record, and upload.
- **Custody from the start:** SHA-2 hashing and standard reports.
- **Built for FIS:** interviews join scene evidence in the same case.
- **No rip-and-replace:** DWS integrates with DEMS, CMS, and JMS.

WHO IT'S FOR

Detectives and investigators | Patrol officers | Prosecutors and DAs | Child Advocacy Centers | Supervisors | IT and evidence technicians

WORKS WITH

Dell · Intel · Dynamic Workflow Solutions · BCD FIS · existing DEMS and CMS

alongside the BCD Digital Asset Engine and Hybrid 5.0.

GETTING STARTED

1
Discovery
Where are interviews taken outside the room today, and how are they logged?

2
Field demonstration
Record, bookmark, and upload a mock interview from FIK to FIS.

3
Design and sizing
BCD aligns storage and management with FIS.

4
Deploy and train
BCD and DWS integrate with your DEMS and train interviewers.

- **Preserve the truth**
  Hashing and custody reports refute claims of tampering.
- **Interview anywhere**
  In the field, a vehicle, or any room.
- **Investigate as one case**
  Interviews and evidence meet in FIS.

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