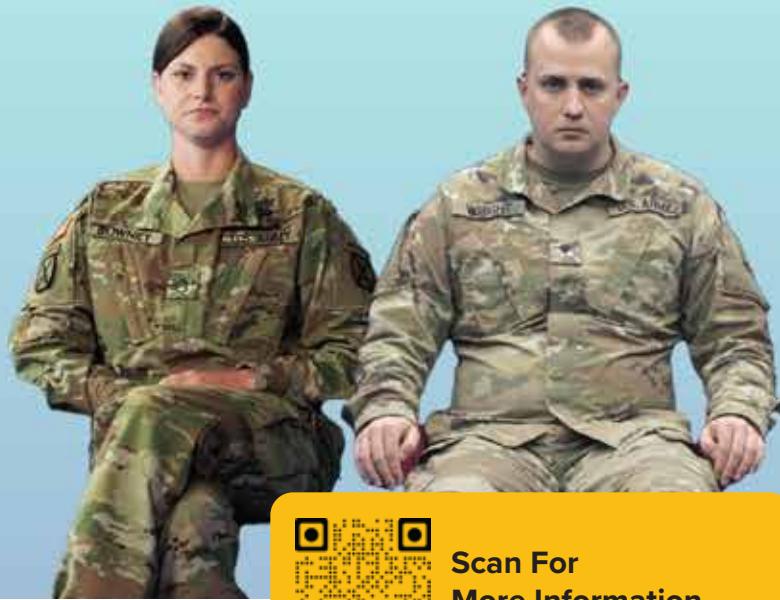


# DS2A

DIGITAL SURVIVOR OF SEXUAL ASSAULT

DS2A is a system using artificial intelligence and recorded videos that allows soldiers to converse intimately with sexual assault survivors. Two such systems – one featuring SPC Jarett Wright and another featuring SPC Samantha Downey -- have been deployed and currently allow soldiers to engage with the survivors anytime and anywhere.



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They can ask the respective systems questions about Wright or Downey's assault, the aftermath and impact on their lives – in spoken natural language and in any order. The system then returns the best possible response from a database of over 2,000 videos each, providing users the opportunity to hear the survivors' powerful stories of courage and resilience first-hand.

In the five years since its deployment, DS2A has been seen by thousands of soldiers from all ranks as part of the U.S. Army Sexual Harassment and Assault Response Program (SHARP) Academy's effort to underscore the important role every soldier plays in the prevention of sexual harassment and assault. The Academy regularly utilizes DS2A as part of its ongoing training of Sexual Assault Response Coordinators (SARCs) and Victim Advocates (VAs), having incorporated interaction with the systems into their standard curriculum.

Development of DS2A leveraged research technologies including the Light Stage, a statistical classifier to retrieve video, and dialogue management policies that were previously funded under the auspices of the Army Research Lab Simulation and Training Technology Center (ARL STTC).