

## CONNECTED HEALTHCARE SECURITY CONSULTANCY

### Assessment to Remediation

Feature	Basic	Advanced	Custom
Translate business product resources into security attributes	*	*	*
Identify threats and impact of security attributes	*	*	*
Validate solution against HIPAA	*	*	*
Validate solution against OWASP top 10 for IOT	*	*	*
GDPR compliance	*	*	*
Data security	*	*	*
Validate network and deployment environment security		*	*
Secure SDLC		*	*
Secure DevOps			*
Complete mediation			*



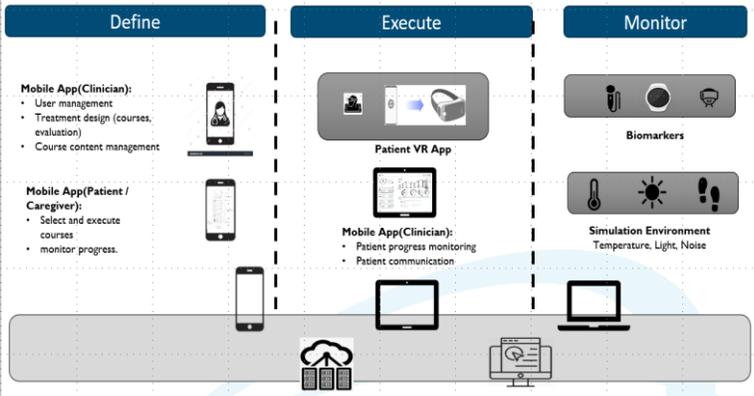
- Offered in partnership with Deutsche Telekom IoT



# CASE STUDY - VR BASED DIGITAL THERAPEUTIC SOLUTION

Client is involved in developing a digital therapeutic platform that can be used as a content management and marketplace to host, deliver treatment and measure the progress of the patient and outcome.

**Highlight:** - End-to-End solution design and development, difficulty control, integration of key Biomarkers for further analysis. Improved efficiency



## BUSINESS Problem

- Develop a HIPAA compliant Virtual Reality based therapeutic platform.
- The digital platform will provide a supplement/supporting therapy along with medications.

## HARMAN Solution

- Detailed analysis, design and development of cloud based therapeutic platform with VR and multiple companion apps. Biomarker's integration to capture live data and session recording for further analysis.
- Ensured HIPAA-compliance ensuring patient data security and integrity across the patient journey workflow.
- Security by design, GDPR compliance
- Application security validation as per OWASP top 10

## VALUE Provided and benefits

- ✓ Virtual reality-based end to end therapeutic platform will help to track the patient's progress in focused manner.
- ✓ Gamification introduced for patient encouragement.
- ✓ The VR app will allow the doctor to determine the patient need and to select content with varying difficulty level.