

Processors – Role of Processors

At the heart of any augmented reality system is a processor that coordinates and analyzes sensor inputs, stores and retrieves data, carries out the tasks of the AR application program, and generates the appropriate signals to display.

The AR process:

The complete AR process comprises of majorly four steps. Let's have a sneak peek into the AR process and understand what are the key checkpoints:

3D Concept of App:

The very first thing which comes in the process is the core concept of the application. What are the main functionalities of the application, how the application will look, and how the user will interact with the interface are decided in this phase? 3d prototypes and blueprints are prepared based on the idea which will be used in the designing phase.

3D Designing phase:

By leveraging the 2d blueprints and 3d prototypes as a reference, the engineer can design the complete flow of the application. The application screens, colour combinations, animation effects are implemented in this step. Once this step is complete, it gives a pretty clear idea of the app's functionalities.

Integration into AR APP:

Once the complete design is ready, it's time for integrating the whole concept into an AR app. The development phase of the app begins here, and the functionalities are integrated into the AR application. This process gives a powerful backend to the beautiful frontend of the app.

Augmented Reality Product Design:

This is an advanced process in which the app can be made compatible with the available AR and VR devices to enhance user interaction. Once the app is integrated with the product, you can offer an unforgettable viewing experience.

Powerful AR Technologies

We leverage the standard industry norms and cutting-edge technology & tools to deliver an excellent product to meet your requirement with perfection. Following are some of the modern tools we use to turn your idea into a beautiful reality.

- Vuforia Platform
- iOS ARKit Tool
- ARToolKit
- Android ARCore