



122 m 22 m 20 Requirements Capturing an image frame Too s ImgCapture **Specification** Converting RGB color to Gray RGB2Gray Codesign Convertine Gray to Bin Gray2Bin System Design Software / Hardware ObjDetect Detecting Objects **Partitioning** HART com Detecting Objects ware / software Hardware Software Stop Development Development and Testing and Testing St. Soration & testino K diagram System integration ImgCapture A host computer RGB2Gray Gray2Bin and Testing ObjDetect UART TxRx

Development Imagia Macos Tt.W