



40 Point Checklist

Components of a Fully Integrated, Secure, IS Mobile Solution

- 1. What are the project drivers? Is there a specific problem you want to address?
- 2. Define your use case.
- 3. Define success.
- 4. Identify your top 3 - 4 internal stakeholders.
- 5. Are your IT/OT teams in alignment? What work will need to be done to improve that?
- 6. Who will be your internal champion?
- 7. Do you have a budget set aside for the project: CapEx or OpEx?
- 8. What Industry 4.0, IoT or Digitalization initiatives is this a part of?
- 9. Which new or existing Technology Partners should be involved? (Ex., Software / Applications / Integration)
- 10. What is the age/demographic make-up of your end users/operators? Do you have an influx of digital natives?
- 11. What is the knowledge gap in the current workforce that has occurred from retirement, attrition or the Great Crew Change?
- 12. What staff are globally certified and can train, support, configure security policies, Windows and image, etc., on one device?
- 13. What integration of back-of-house systems, ERPs (like SAP, IBM Maximo, etc.) and MES systems will be needed?
- 14. What interoperability of assets and applications will you need?
- 15. Are there any special regional requirements?
- 16. Do you have global standards you need to adhere to?
- 17. How are transition work areas defined? (What percentage of hazardous area operations are in Div 1/ Zone 1 vs. Div 2 / Zone 2?)
- 18. What are your minimum hardware requirements for the communication devices?
- 19. What do you anticipate your total memory requirement to be?
- 20. Do you need an HMI or mobile device?

- 21. Do you have Mobile Device Management (MDM)?
- 22. Develop a Windows image.
- 23. Which OS and what versions are you running for Windows, iOS, Android?
- 24. Are most of your applications developed for Android or iOS?
- 25. Which Software/App drivers will you need?
- 26. Will you require secure data transmission?
- 27. Will you need data encryption?
- 28. Do you need Cloud integration?
- 29. What considerations should be made for WiFi vs. LTE?
- 30. If LTE, what methods/carriers will you need for connecting and pass-through between wireless and LTE?
- 31. For carrier networks, where are you certified or not?
- 32. What factory configuration will be needed – LTE, apps, software, etc.?
- 33. Will you need a camera?
- 34. What other accessories or peripherals will be needed?
- 35. What device and data back-up will be needed?
- 36. Will you be digitizing documents?
- 37. List support/repair requirements and RMA process.
- 38. Develop a plan for testing without interrupting production.
- 39. Develop a Change Management plan.
- 40. Test and deploy.