



BrookTech.

Smart Industry Readiness Index Assessor Training

BrookTech. Overview

Created by the Singapore Economic Development Board (“EDB”), in partnership with a network of leading technology companies, consultancy firms, and industry and academic experts, the Smart Industry Readiness Index (“SIRI”) comprises a suite of frameworks and tools to help manufacturers – regardless of their size and industry - start, scale, and sustain their manufacturing transformation journeys. The SIRI covers the three core elements of Industry 4.0: Process, Technology, and Organisation.

The SIRI Assessor Training Course is a 5-day programme covering content on Industry 4.0, SIRI frameworks and tools, business consulting and the methodology for conducting an Official SIRI Assessment.

This course welcomes both individuals planning to be qualified as CSAs and in-house Subject Matter Experts from manufacturing companies who are keen to better understand the frameworks and tools used in the SIRI Assessment in order to conduct internal, informal assessments for their own firms.

The Certified SIRI Assessor Programme consists of a training course and certification scheme.

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Training

The **SIRI Assessor Training Course** will equip industry practitioners with the requisite industry knowledge and skills to become a Certified SIRI Assessor (“CSA”). The curriculum covers content on Industry 4.0, SIRI’s frameworks and tools, business consulting and the methodology for conducting a SIRI Assessment over 40 hours of classroom training.

Certification

The SIRI Assessor Certification Scheme aims to safeguard the integrity and consistency of the SIRI Assessment conducted by ensuring the quality and proficiency of the CSA. In addition to having attended the SIRI Assessor Training Course, candidates will have to meet pre-requisites, such as having relevant manufacturing and consulting work experience, to be eligible to participate for the Certified SIRI Assessor Examination, which includes both theory and practice assessments.

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With reference to the Certified SIRI Assessor Programme Syllabus (included in the Factsheet), the SIRI Assessor Training Course is designed to equip individuals with the following knowledge and competencies:

- The underlying principles of Industry 4.0 and the key technologies;
- The development and deep understanding of SIRI, its frameworks and tools;
- The duty of applying basic business etiquettes for client engagement and workshop delivery;
- The importance of professionalism and ethics related to consulting providing consulting/advisory services; and
- The implementation of SIRI Assessment in accordance with the frameworks and tools.

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The SIRI Assessor Training Course draws references from various existing literature and government initiatives such as the Plattform Industrie 4.0. It is further consolidated with the experiences and knowledge acquired from the funded SIRI Assessments.

The training course consists of 5 days (approximately 40 hours) of virtual or in person, classroom training on the syllabus in detail, coupled with facilitated interactive sessions. The topics and techniques described in the training are accompanied by training notes (i.e Learner 's Guide). This information is to help individuals in understanding the importance of the different topics and provide guidance to specific techniques for the implementation of an Official SIRI Assessment.

BrookTech. Course Details

Training Duration	5 Days (Monday – Friday)
Attendance Requirement	Participants are required to complete at least 40 hours of approved coursework.
Venue	In person or fully digital via Microsoft Teams

BrookTech. Online Training

If the delivery of this training is to be done via online platforms, participants will be able to interact with the trainer and other participants through video conferencing, chat rooms, and have access to the training materials (e.g. PowerPoint decks, videos etc.).

In addition, the participants will be split into groups for activities and discussions. Instructions on the activity will be given on the day itself.

Participants will need to be familiar with the following applications:

Microsoft Teams: Primary tool for delivery of training materials and presentations

Microsoft Forms: Tool for daily attendance taking, MCQ and training survey

Mentimeter: Tool for activities, MCQ, discussions and feedback

Microsoft Powerpoint: Training materials and tool for group exercises

BrookTech. Recommendations for Online

As you may need to refer to various digital applications or documents at one time during the training, it would be useful to utilise two screens (or more) so as to avoid excessive toggling of applications.

It would be useful to have your mobile phones available for use as there will be segments of the course that provide you with an option to scan QR codes.

The lectures and group discussions will mainly be conducted via Microsoft Teams. While it is perfectly fine to join via the Web Browser, certain functions may not be available. Hence, if possible, it would be recommended to download the Microsoft Teams App and join via the Teams App.

BrookTech. Learning Resources

Training resources will be sent to the learners 1 week before the start of the course or on receipt of payment.

Name	Status	Type	Size
01. SIRI Learner's Guide	☁	File folder	
02. SIRI Whitepapers	☁	File folder	
03. Activities	☁	File folder	
04. Menti Quiz Results	☁	File folder	
 SIRI Assessor Training - Assessment Matrix Guide Book.pdf	☁	Microsoft Edge P...	3,456 KB
 SIRI Assessor Training - Course Booklet (Version 2.0 2023).pdf	☁	Microsoft Edge P...	1,034 KB
 SIRI Factsheet July 2023.pdf	☁	Microsoft Edge P...	635 KB
 SIRI Training Prerequisites.docx	☁	Microsoft Word D...	367 KB

Please do note that the training materials will be used and referred throughout the training class.

BrookTech. Course Outline

Day 1	Day 2	Day 3	Day 4	Day 5
Start: 08:00AM*				
<ul style="list-style-type: none"> • Introductions • Course Introduction • Examination Overview • SIRI Overview & Report • Activity 1: Why Ind 4? 	<ul style="list-style-type: none"> • Recap of Day 1 • Activity 2: Review • Module 2: SIRI (AM - Technology Building Block) 	<ul style="list-style-type: none"> • Recap of Day 2 • Activity 5: Review • Module 2: SIRI (AM - Organisation Building Block) 	<ul style="list-style-type: none"> • Recap of Day 3 • Activity 8: Review • Module 2: SIRI Insights • Activity 9: Menti Quiz 	<ul style="list-style-type: none"> • Recap of Day 4 • Activity 12: Case Study Debrief (15 mins each)
Break (15 min): 09:30AM*				
<ul style="list-style-type: none"> • Module 1: Industry 4.0 Introduction • Group Discussion: Industry 4.0 Experience 	<ul style="list-style-type: none"> • Module 2: SIRI (AM - Technology Building Block cont...) • Activity 3: Menti Quiz 	<ul style="list-style-type: none"> • Activity 6: Menti Quiz • Module 2: SIRI (Intro to TIER, PM, KPI, Costs) 	<ul style="list-style-type: none"> • Module 5: SIRI Assmt Facilitation ➢ Phase 1: Planning & Prep ➢ Phase 2: Workshops 	<ul style="list-style-type: none"> • Activity 12: Case Study Debrief (15 mins each) • Activity 12: Review
Lunch Break (45 min): 12:00PM*				
<ul style="list-style-type: none"> • Module 1: Industry 4.0 continued... • Discussion Group: Industry 4.0 in everyday life 	<ul style="list-style-type: none"> • Module 2: SIRI (AM - Process Building Block) 	<ul style="list-style-type: none"> • Module 2: SIRI (PM Deep Dive - PM Formula) • Activity 7: Menti Quiz 	<ul style="list-style-type: none"> • Module 5: SIRI Assmt Facilitation ➢ Phase 3 - Debrief • Activity 10: Menti Quiz 	<ul style="list-style-type: none"> • Module 4: Professionalism & Ethics • Activity 13: Menti Quiz • Examination briefing
Break (15 min): 02:30PM*				
<ul style="list-style-type: none"> • Module 2: SIRI (Introduction, LEAD, SIRI Framework) • Summary of the day 	<ul style="list-style-type: none"> • Module 2: SIRI (AM - Process Building Block cont...) • Activity 4: Menti Quiz • Summary of the day 	<ul style="list-style-type: none"> • Module 2: SIRI (PM Case Study) • Activity 8: Preparation (Case Study 5 Part 1) • Summary of the day 	<ul style="list-style-type: none"> • Activity 11: Role Play PowerPoint Debrief • Summary of the day 	<ul style="list-style-type: none"> • Summary of the day • Course Summary
End: 04:00PM*				
Homework				
<ul style="list-style-type: none"> • Activity 2: 20 MCQs on Industry 4.0 & SIRI (Forms) 	<ul style="list-style-type: none"> • Activity 5: 20 MCQs on SIRI Bandings (Forms) 	<ul style="list-style-type: none"> • Activity 8: Case Study - AM & PM 	<ul style="list-style-type: none"> • Activity 12: Preparation - Case Study Debrief 	<ul style="list-style-type: none"> • Review, Reflect, Relax

BrookTech. Costs

Per Learner

£3950 + VAT *

In house courses for multiple employees from the same business available on request.

Attendance at the Smart Industry Readiness Index (SIRI) training enabled the development of structured, internationally recognised capability in assessing digital maturity and Industry 4.0 readiness. The training provided practical tools and methodologies to objectively diagnose current-state operations, identify priority improvement areas, and align digital investments with business strategy. This capability supports more informed decision-making, reduces the risk of misaligned or over-engineered technology adoption, and ensures that future digital transformation initiatives are targeted, scalable, and deliver measurable business value.

*** Includes certification and exam fee**

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