



...working together to build better teams.

ISO 19650, a GLOBAL opportunity

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Why do we need international standards for the management of information when using BIM?

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Who developed the ISO 19650 series?

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ISO/TC 059/SC 13/WG 13

"Implementation of collaborative working over the asset lifecycle"





So what's changed?

Restructuring | Amended Terms | New Terms



Recipe for ISO 19650-1

ISO 19650-1

Organization of information about construction – Information management using building information modelling –

Part 1: Concepts and principles



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1. Add the **concepts and principles** from BS 1192
2. Add the **concepts and principles** from PAS 1192-2
3. Add the **concepts and principles** from PAS 1192-3
4. Season with lessons learnt and best practice
5. Mix round and round in circles
6. Put in the oven and set timer for 4 years
7. Baste with compromise (as necessary)



Recipe for ISO 19650-2

ISO 19650-2

Organization of information about construction – Information management using building information modelling –

Part 2: Delivery phase of assets



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1. Add the **main clauses** from BS 1192
2. Add the **main clauses** from PAS 1192-2
3. Season with lessons learnt and best practice
4. Mix round and round in circles
5. Put in the oven and set timer for 4 years
6. Baste with compromise (as necessary)



Recipe for UK National Annex

BS EN ISO 19650

UK National Annex

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1. Add remaining clauses from BS 1192
2. Add remaining clauses from PAS 1192-2
3. Season with lessons learnt and best practice
4. Mix round and round in circles
5. Put in the oven and set timer for 9 months





So what's changed?

Restructuring | Amended Terms | New Terms



UK Terms

BIM Level 2

Contract

Employer

Employer's Information Requirements

File

Level of definition

Volume Strategy

International Terms

BIM according to ISO 19650

Appointment

Appointing Party / Appointed Party

Exchange Information Requirements

Container

Level of Information Need

Federation Strategy





So what's changed?

Restructuring | Amended Terms | **New Terms**



International Terms

Information Management Function

Project Information Requirements

Project's Information Standard

Delivery Team Mobilization Plan

Information Delivery Risk Assessment





What if I'm already using the UK 1192 series?

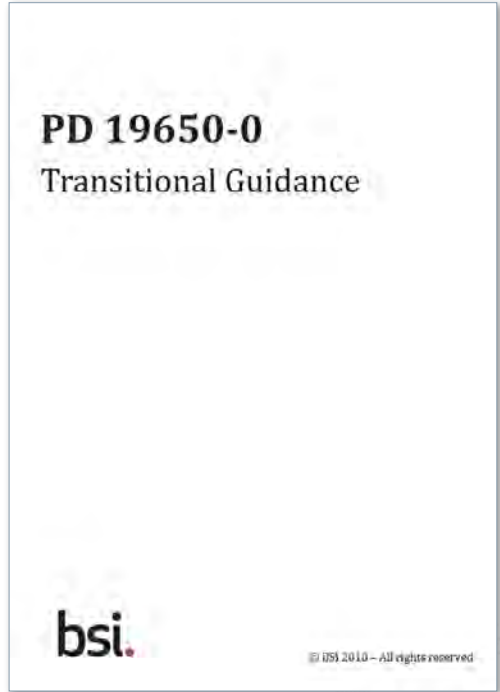
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Current 1192 Series



From January 2019



What about the other standards in the UK 1192 series?

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ISO 19650-3

Organization of information about construction – Information management using building information modelling –
Part 3: Operational phase of assets



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BS 1192-4:2014



BSI Standards Publication

Collaborative production of information

Part 4: Fulfilling employer's information exchange requirements using COBie – Code of practice

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...making excellence a habit™

ISO 19650-5

Organization of information about construction – Information management using building information modelling –
Part 5: Security-minded approach to information management



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CPNI
Centre for the Protection of National Infrastructure

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PAS 1192-6:2018

Specification for collaborative sharing and use of structured Health and Safety information using BIM



COSTAIN

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From January 2019



From 2020 (TBC)



Summary

- Driven by the international community
- Developed by an international working group
- Based upon the UK 1192 series – concepts and principles remain
- Region can create their own national annex
- BS 1192 and PAS 1192-2 have now been withdrawn
- ISO 19650 parts 3 & 5 will be published in 2020
- BSI, UK BIM Alliance and CDBB developing a guidance framework





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