



buildingSMART

DIGITAL CONSTRUCTION DAY



Evy Verwimp
Buildwise



Jari Verniers
Bimplan

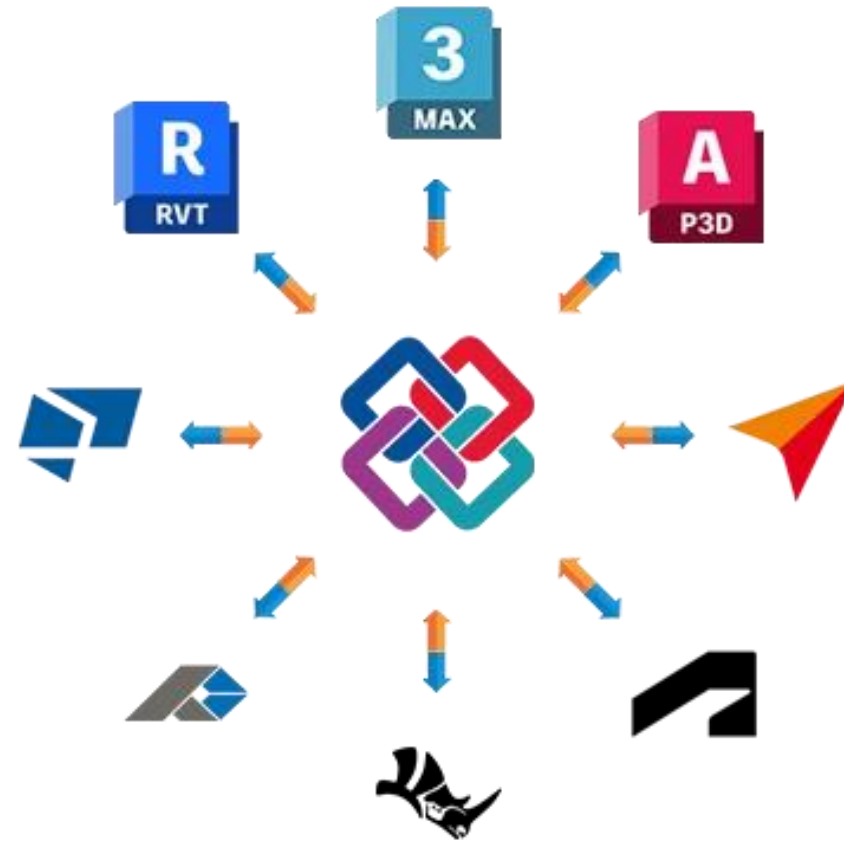
Content

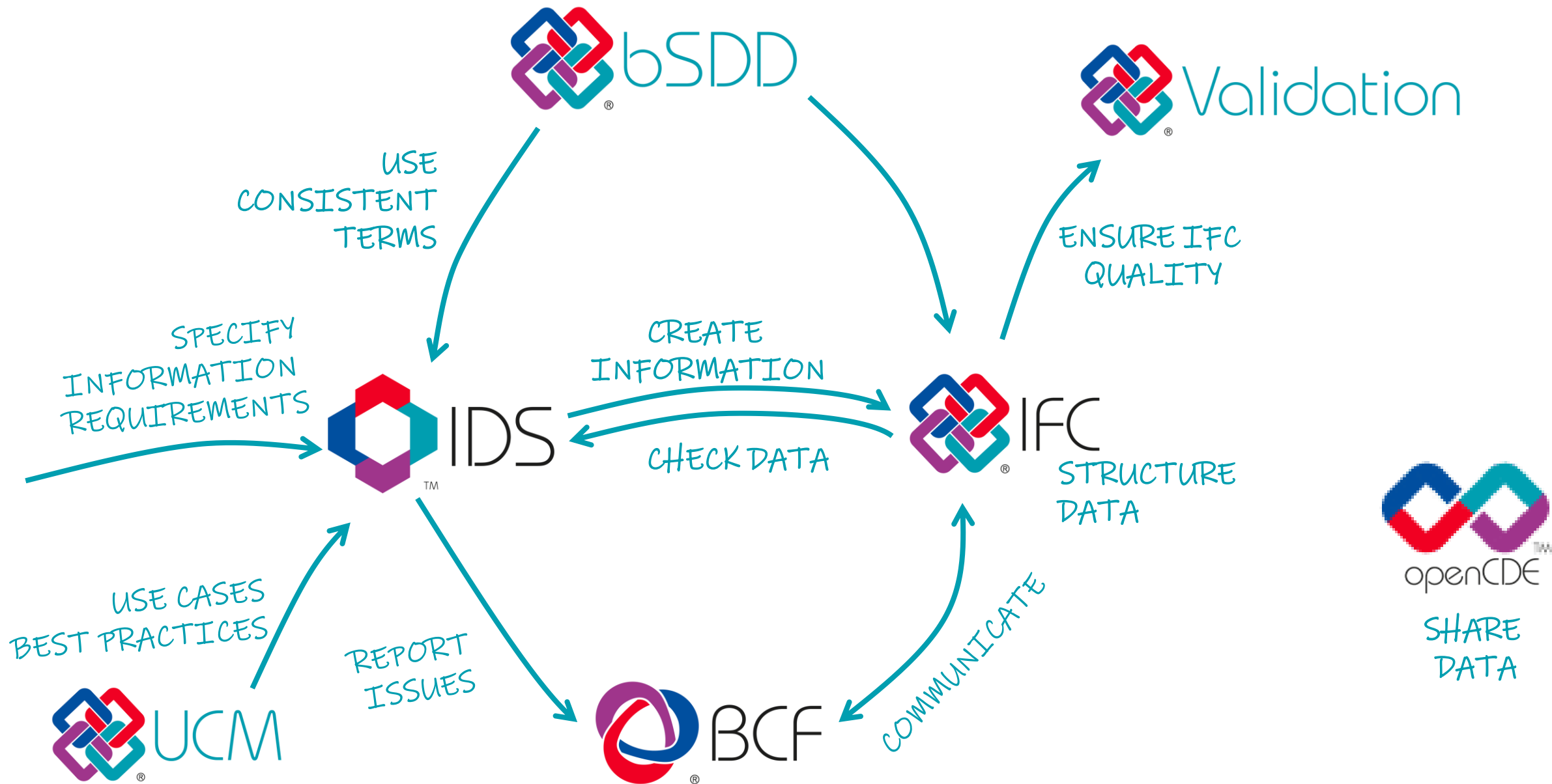
openBIM

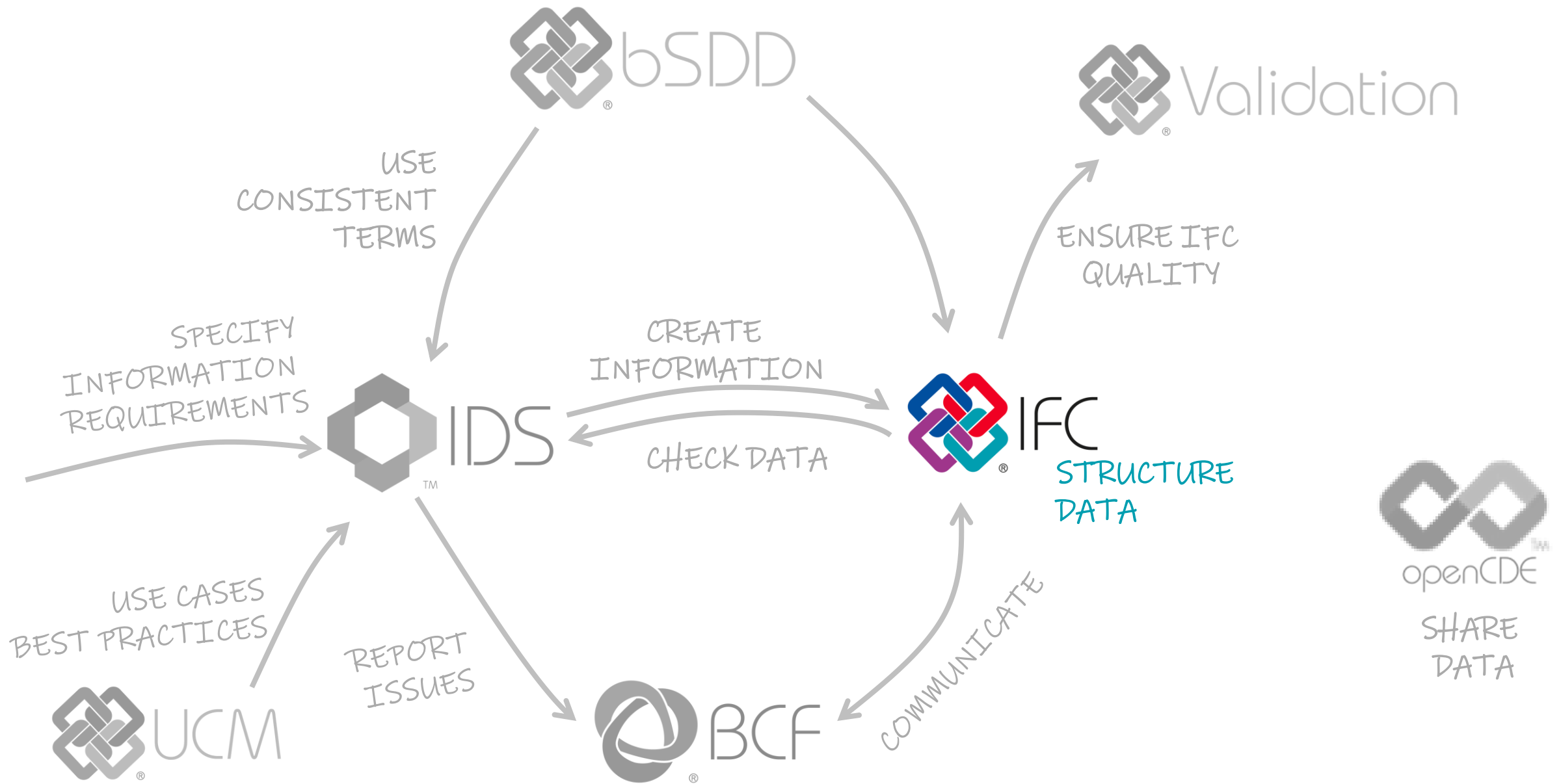
- 🔗 Landscape
- 🔗 Standards & Services

buildingSMART

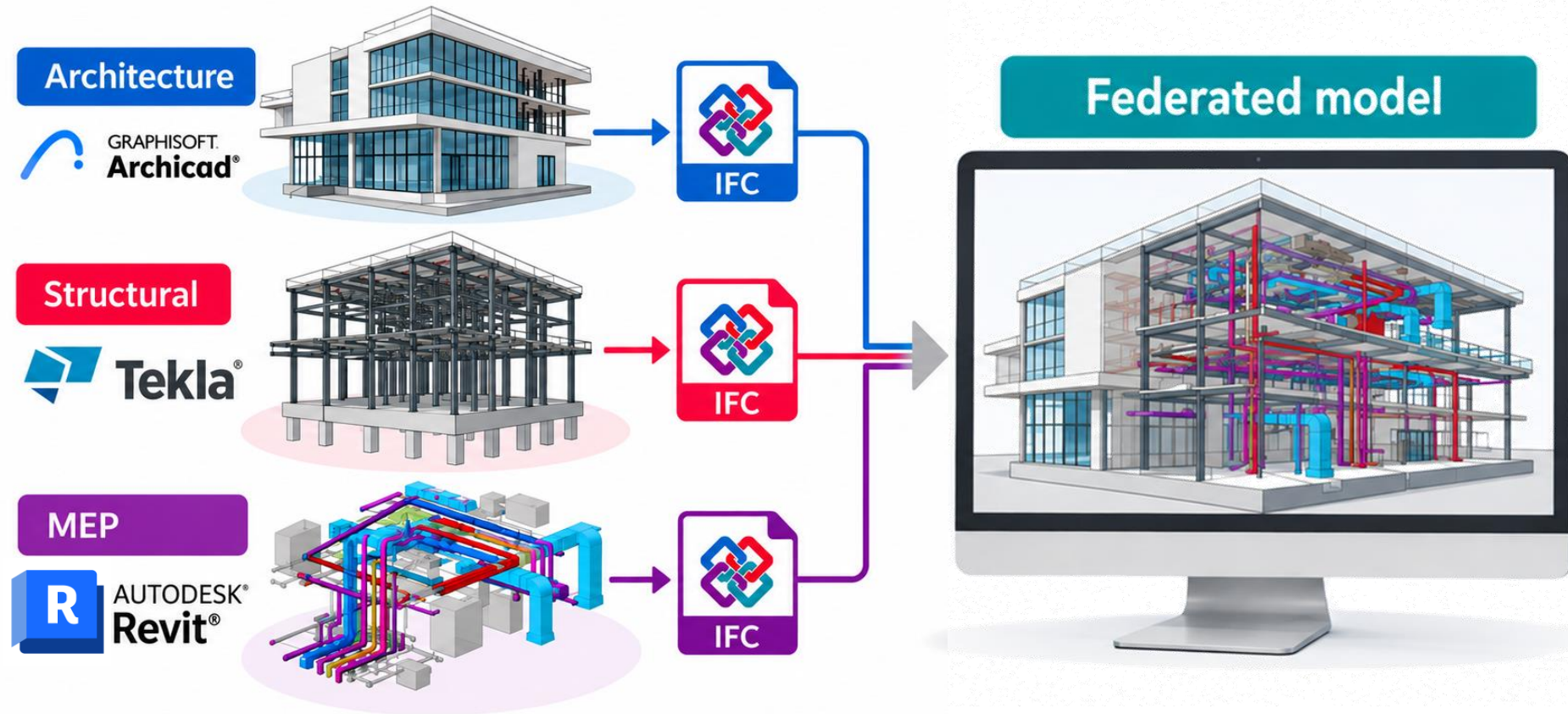
- 🔗 International
- 🔗 Benelux
- 🔗 Belgium



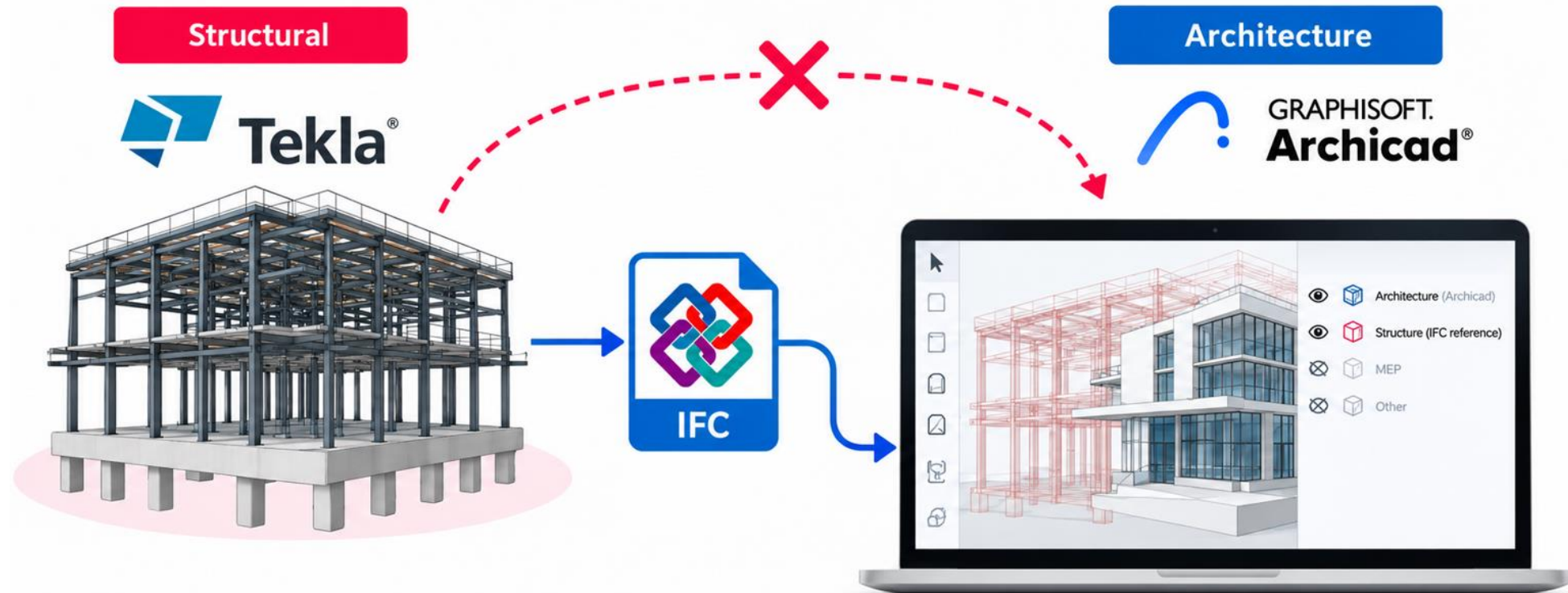




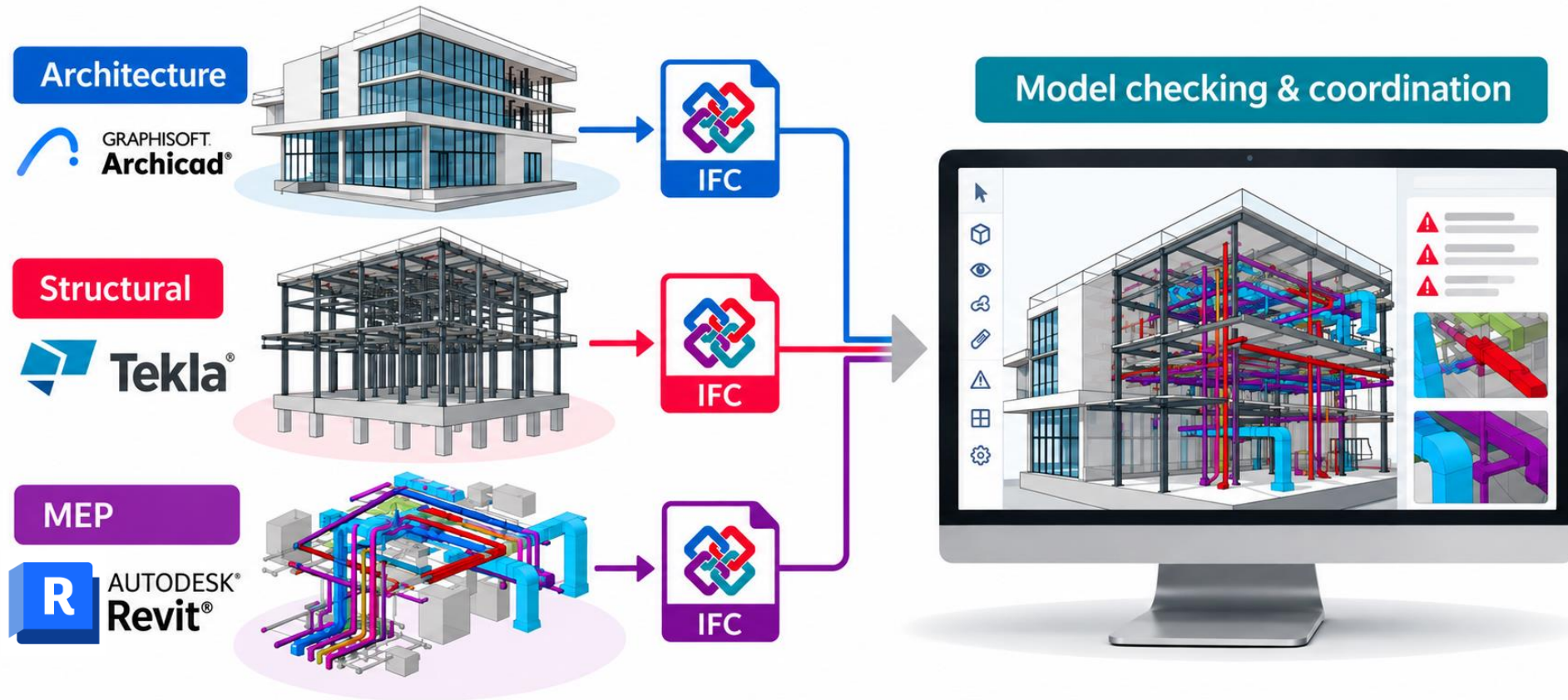
IFC (Industry Foundation Classes)

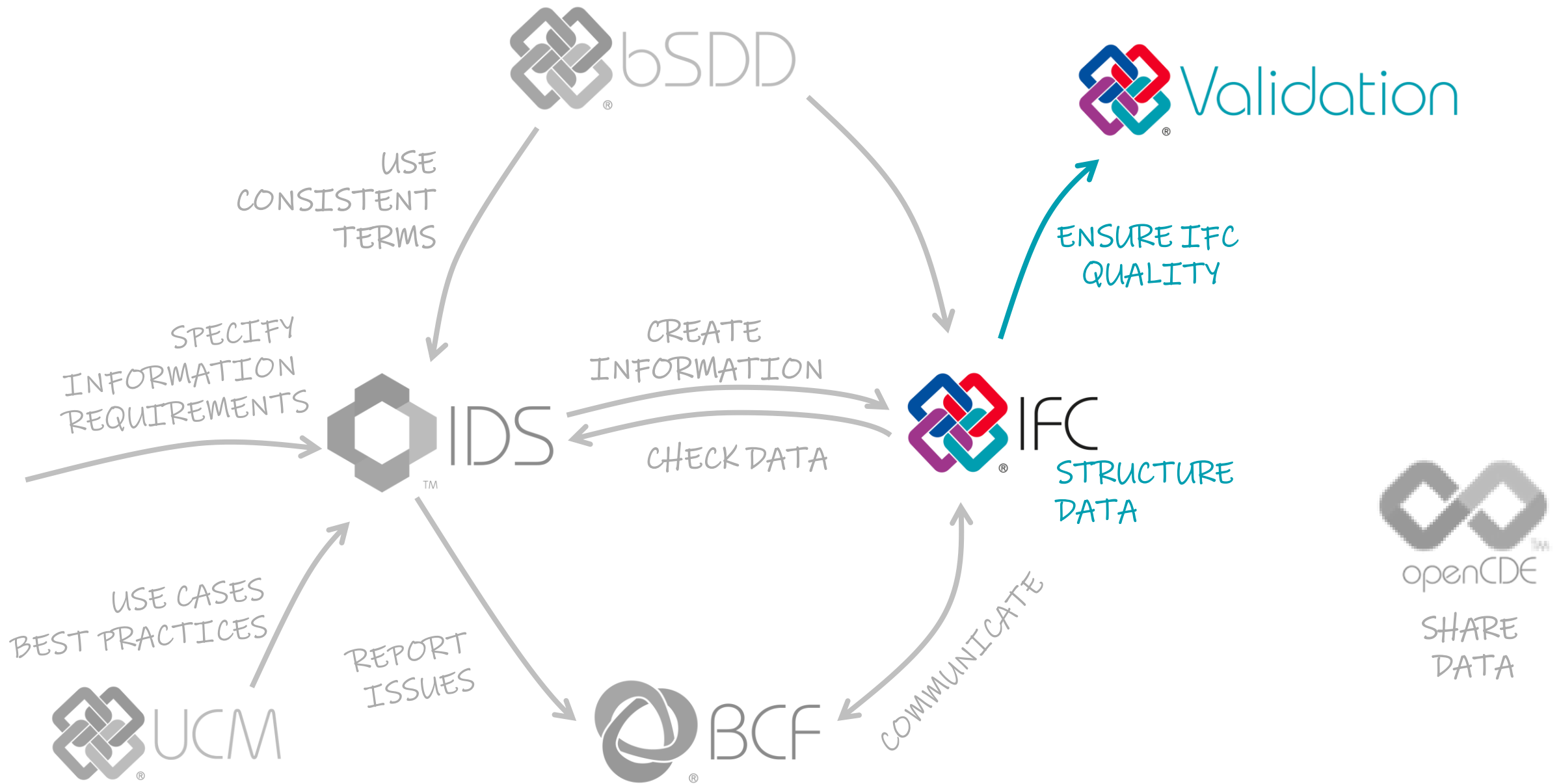


IFC (Industry Foundation Classes)

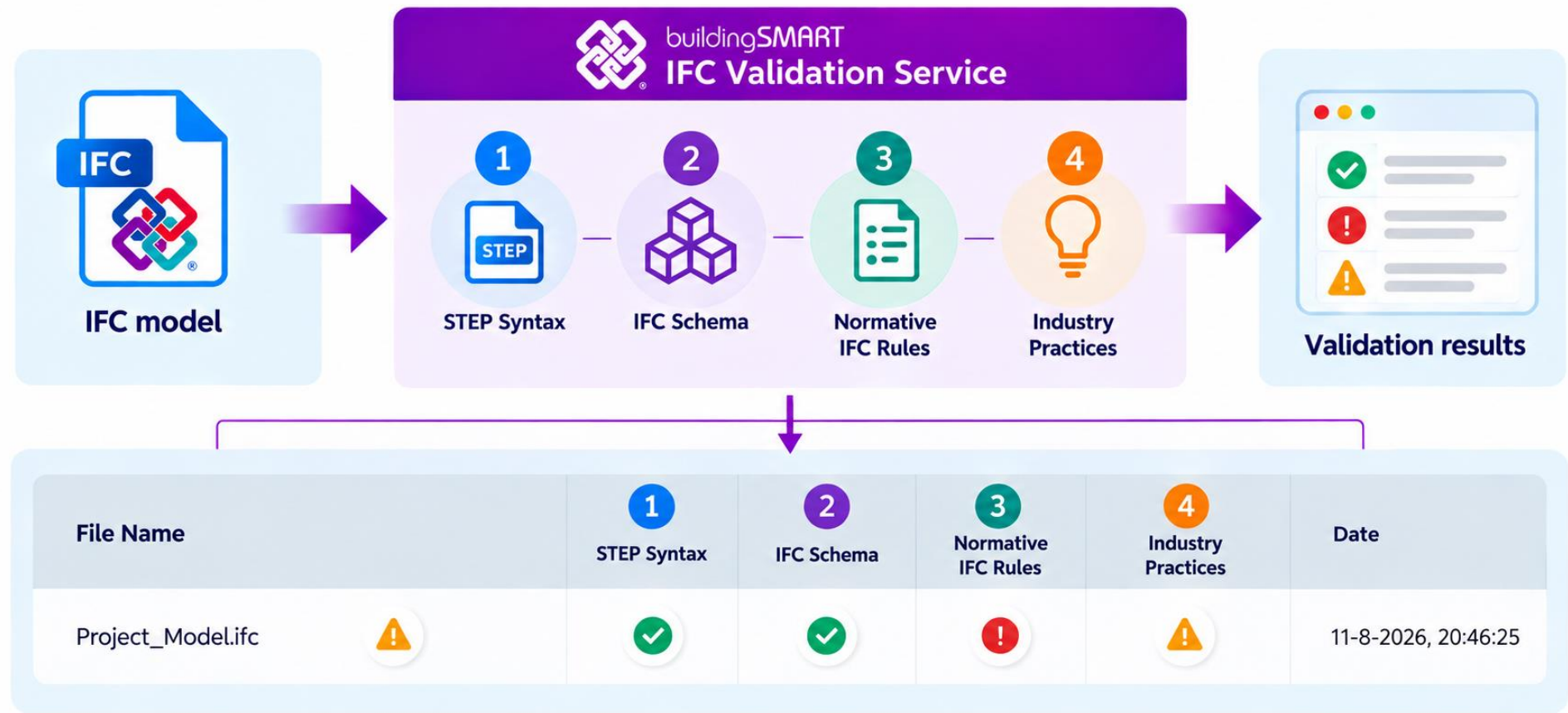


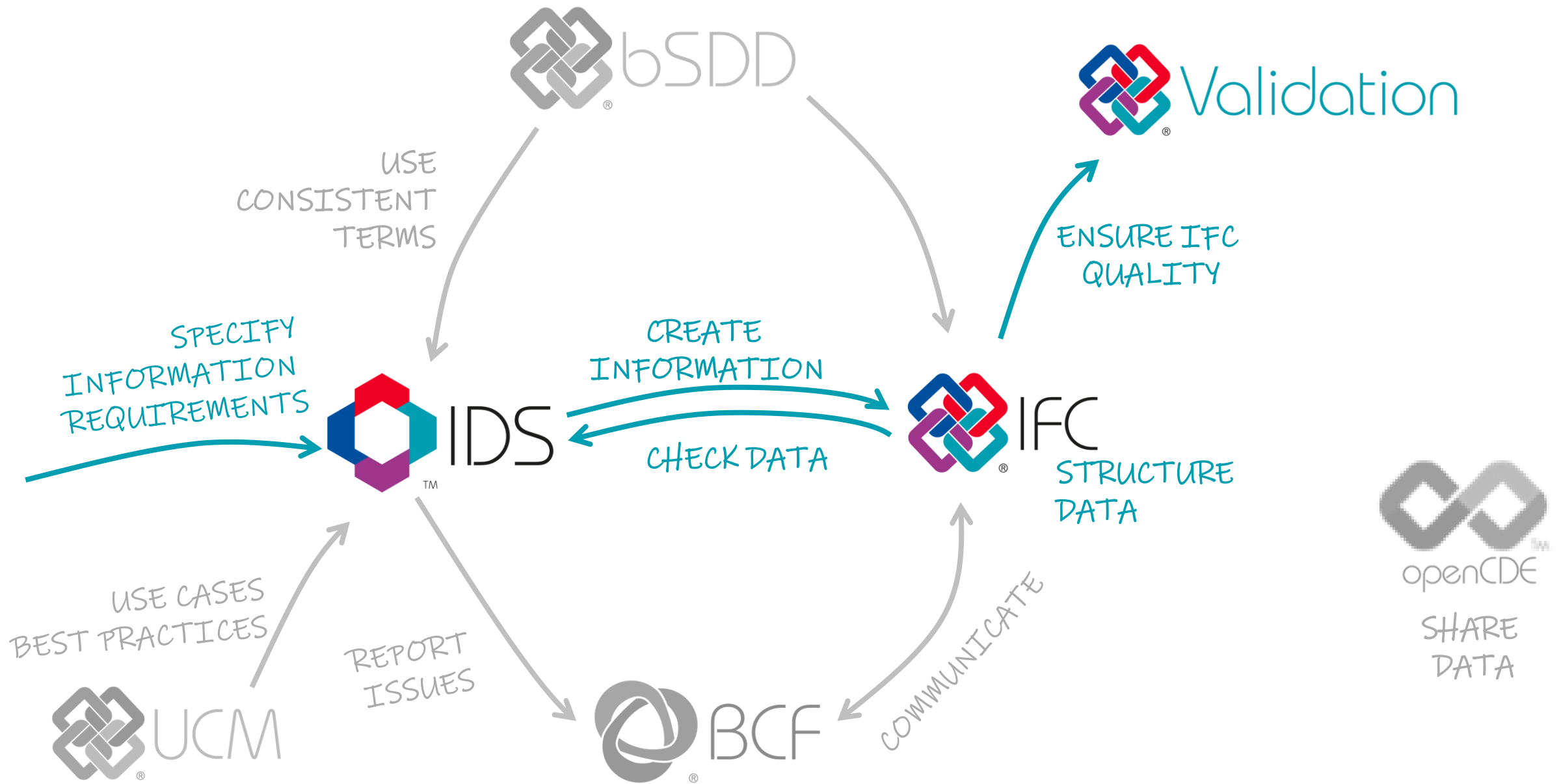
IFC (Industry Foundation Classes)





IFC Validation service

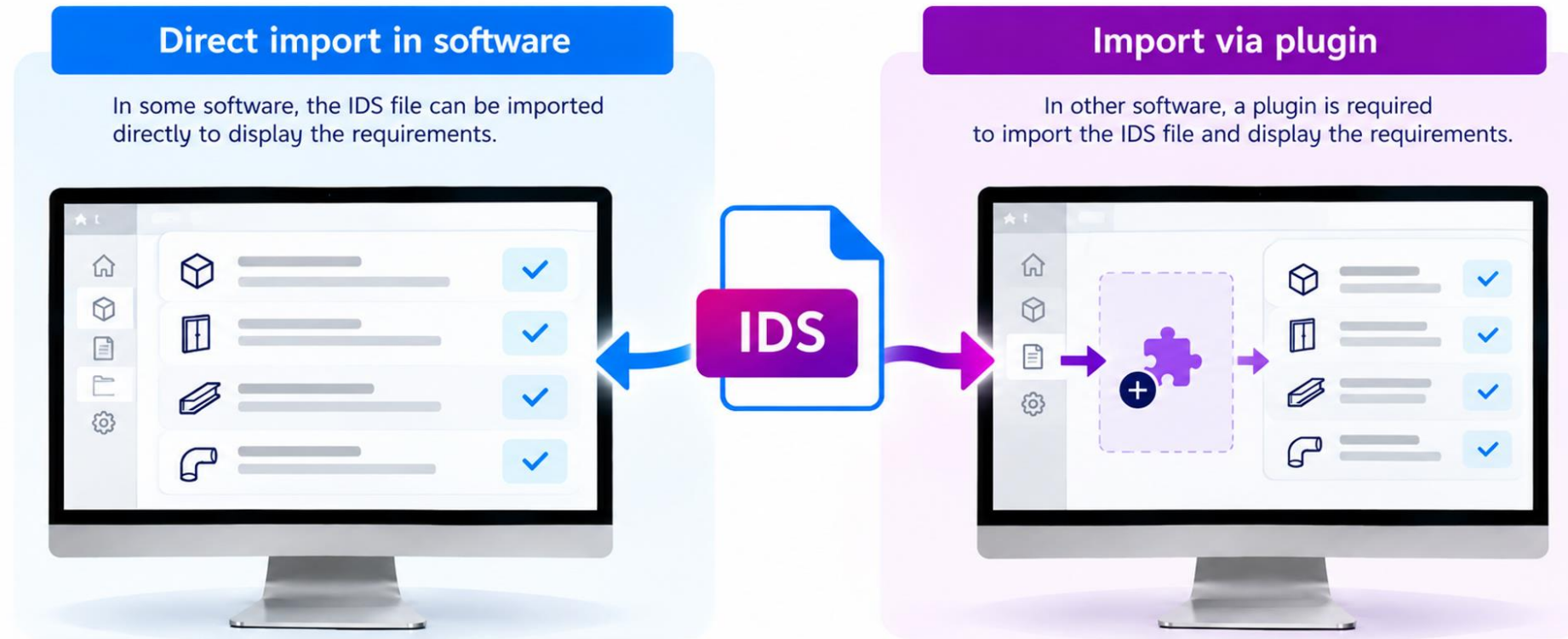




IDS (Information Delivery Specification)

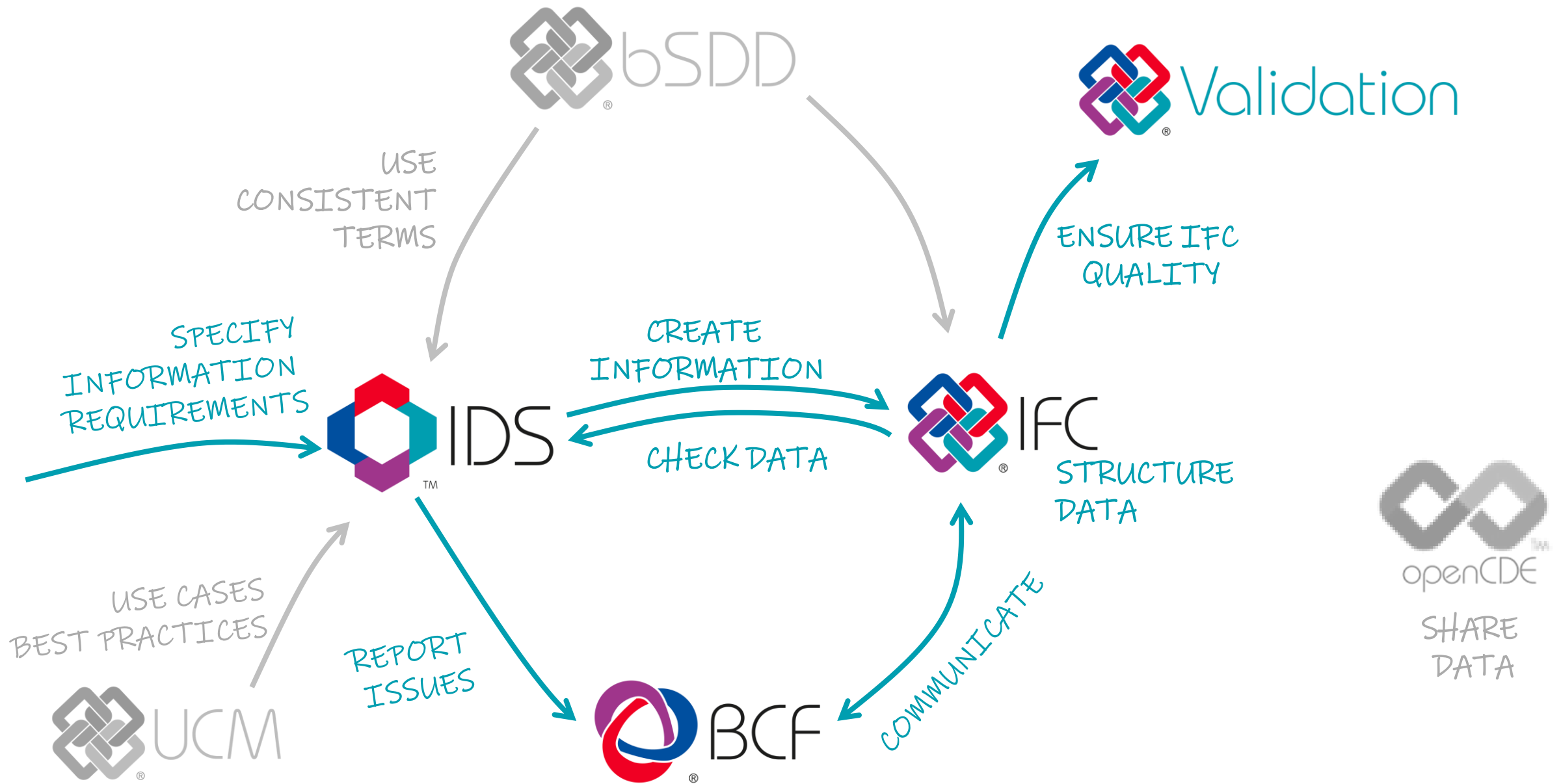


IDS (Information Delivery Specification)

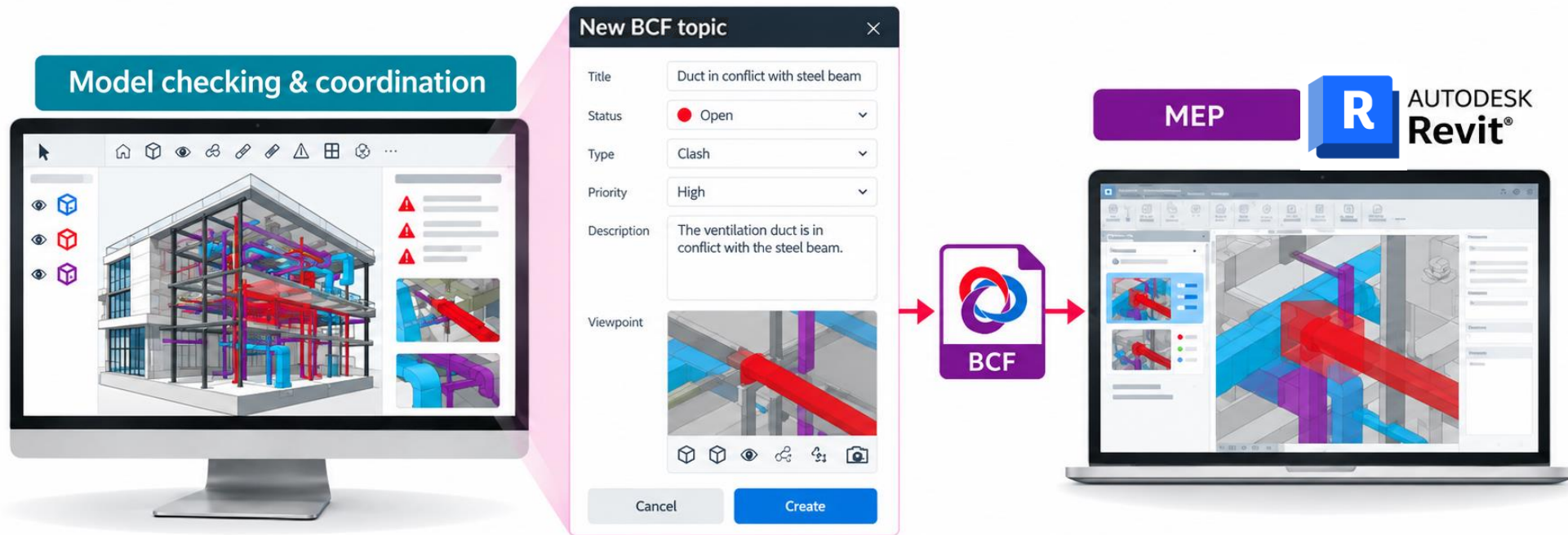


IDS (Information Delivery Specification)

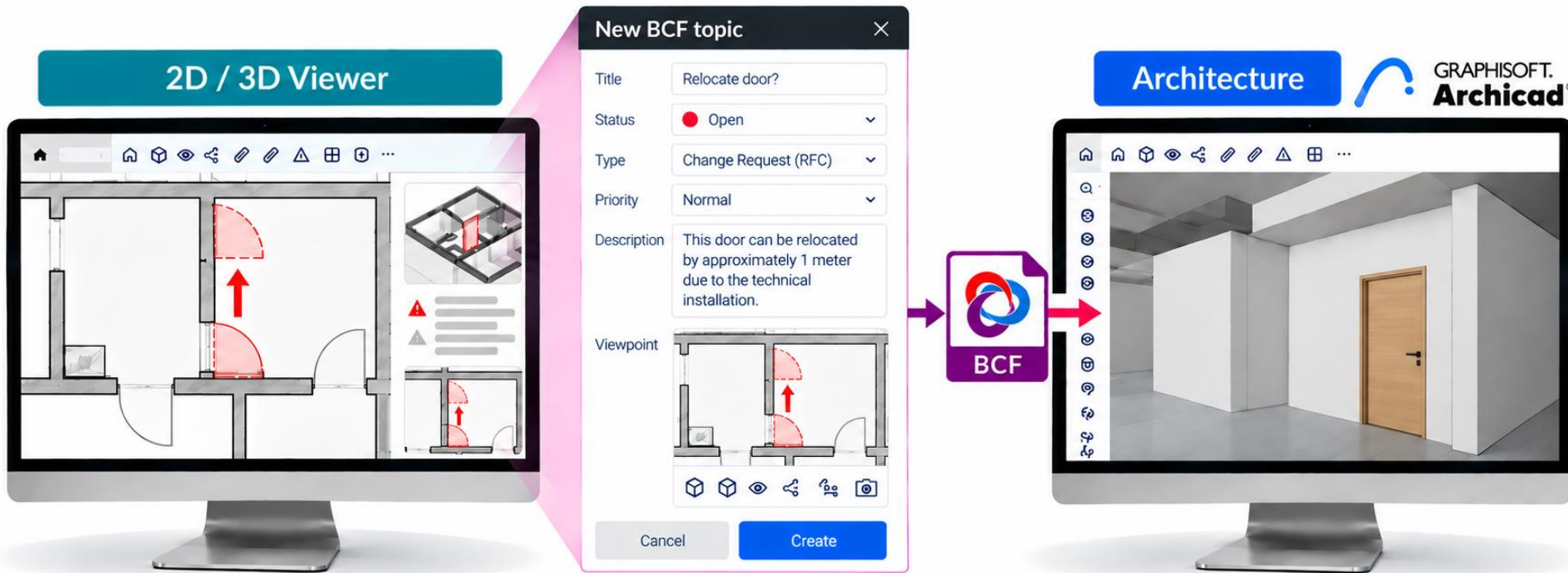




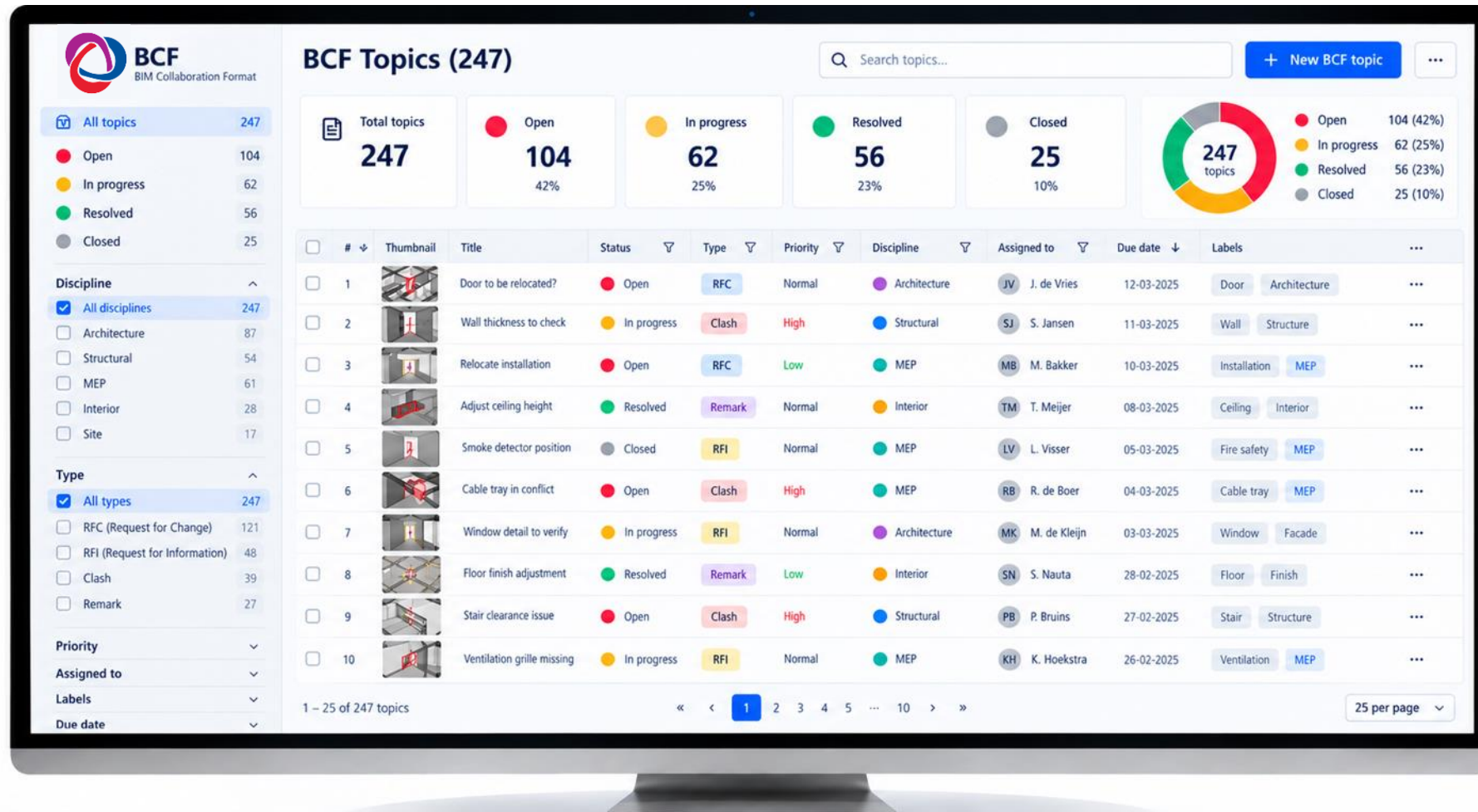
BCF (BIM Collaboration Format)

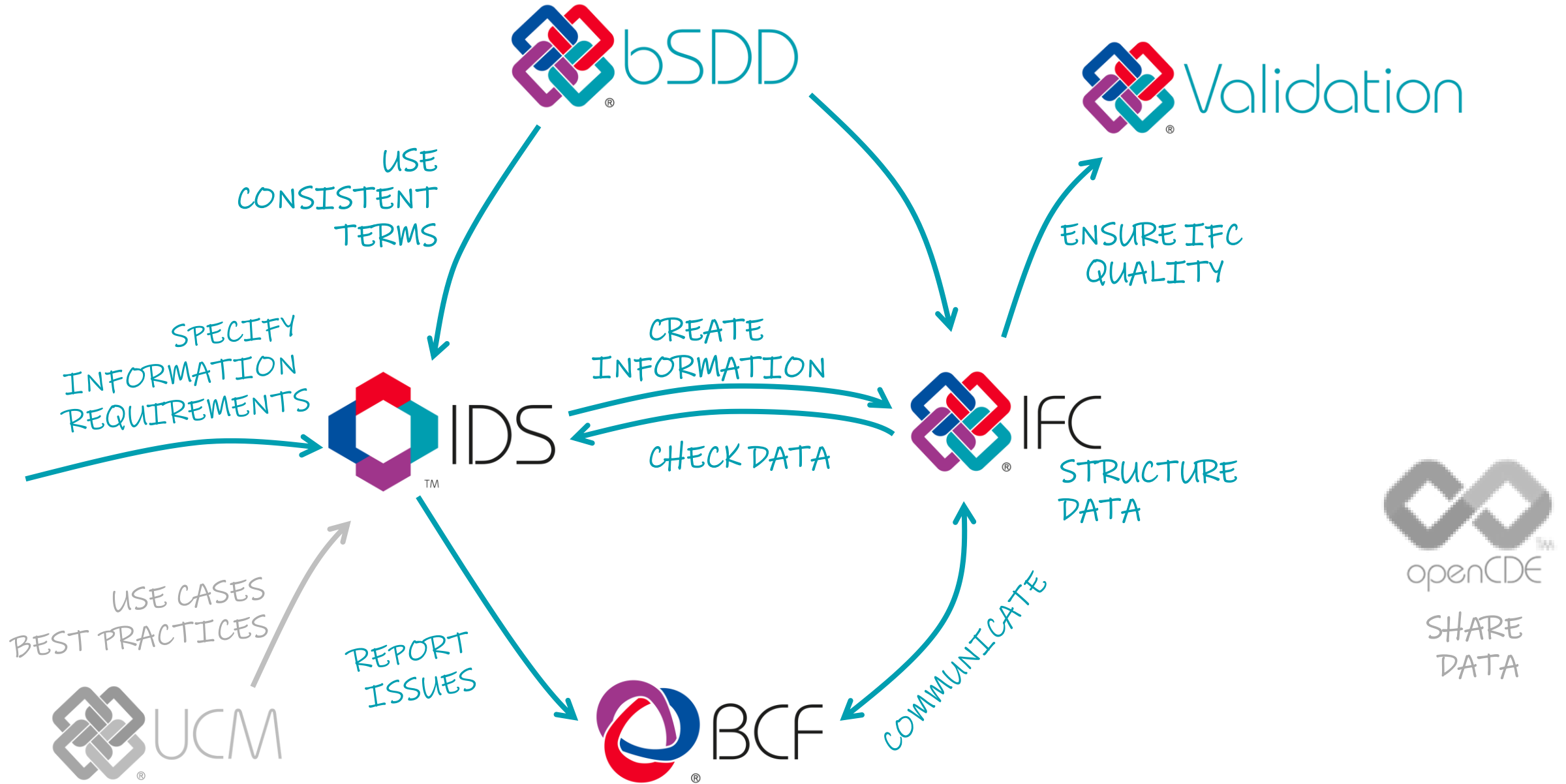


BCF (BIM Collaboration Format)

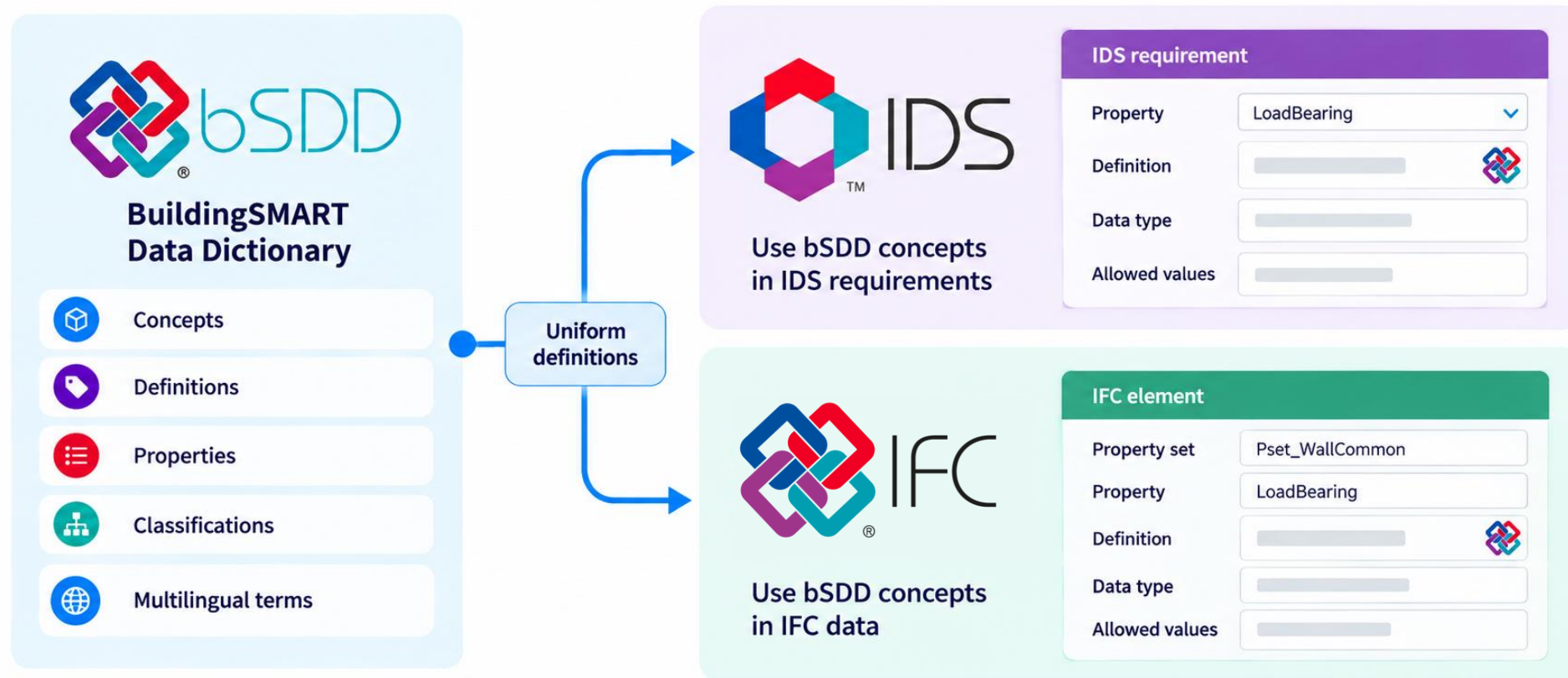


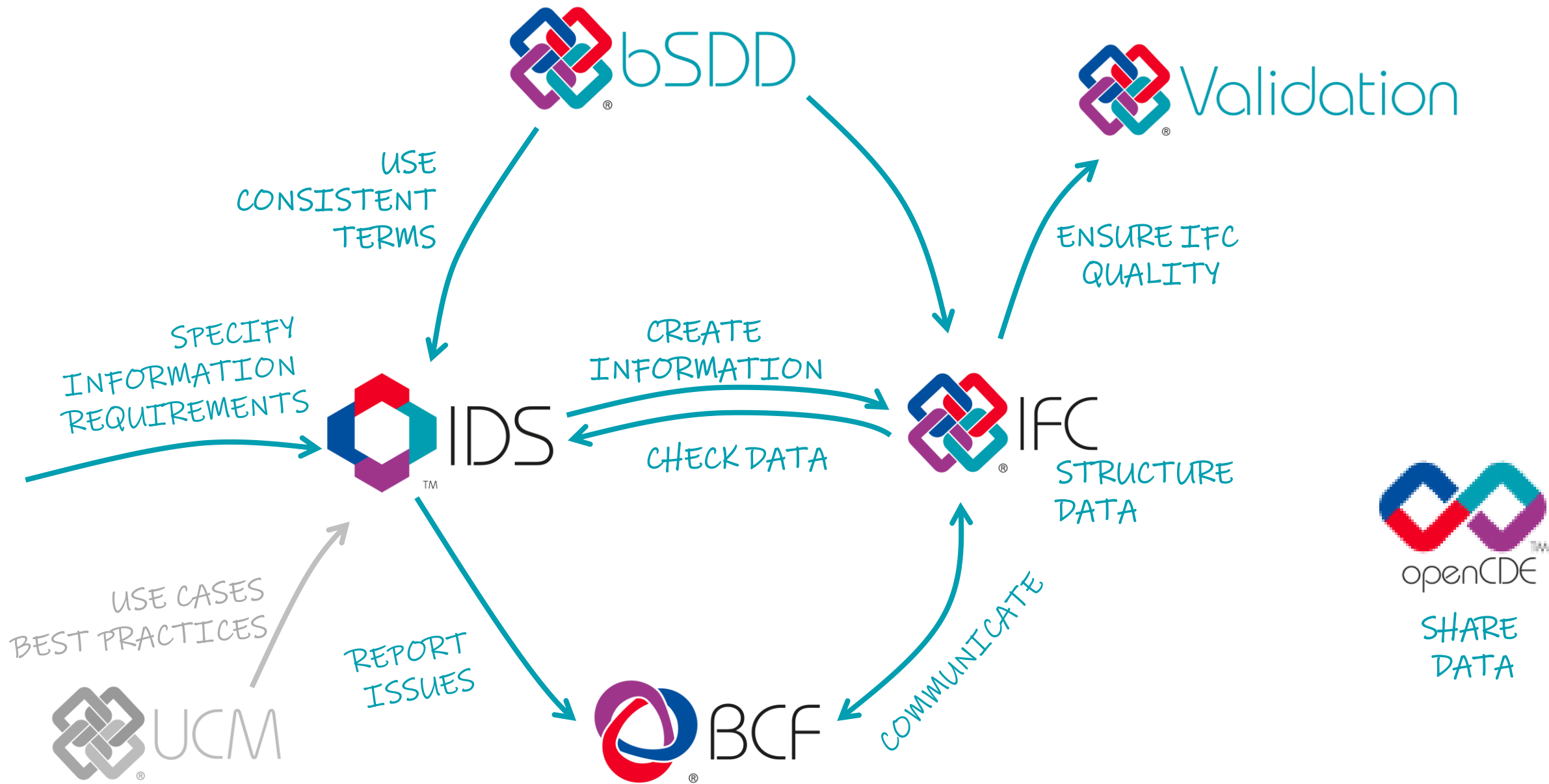
BCF (BIM Collaboration Format)



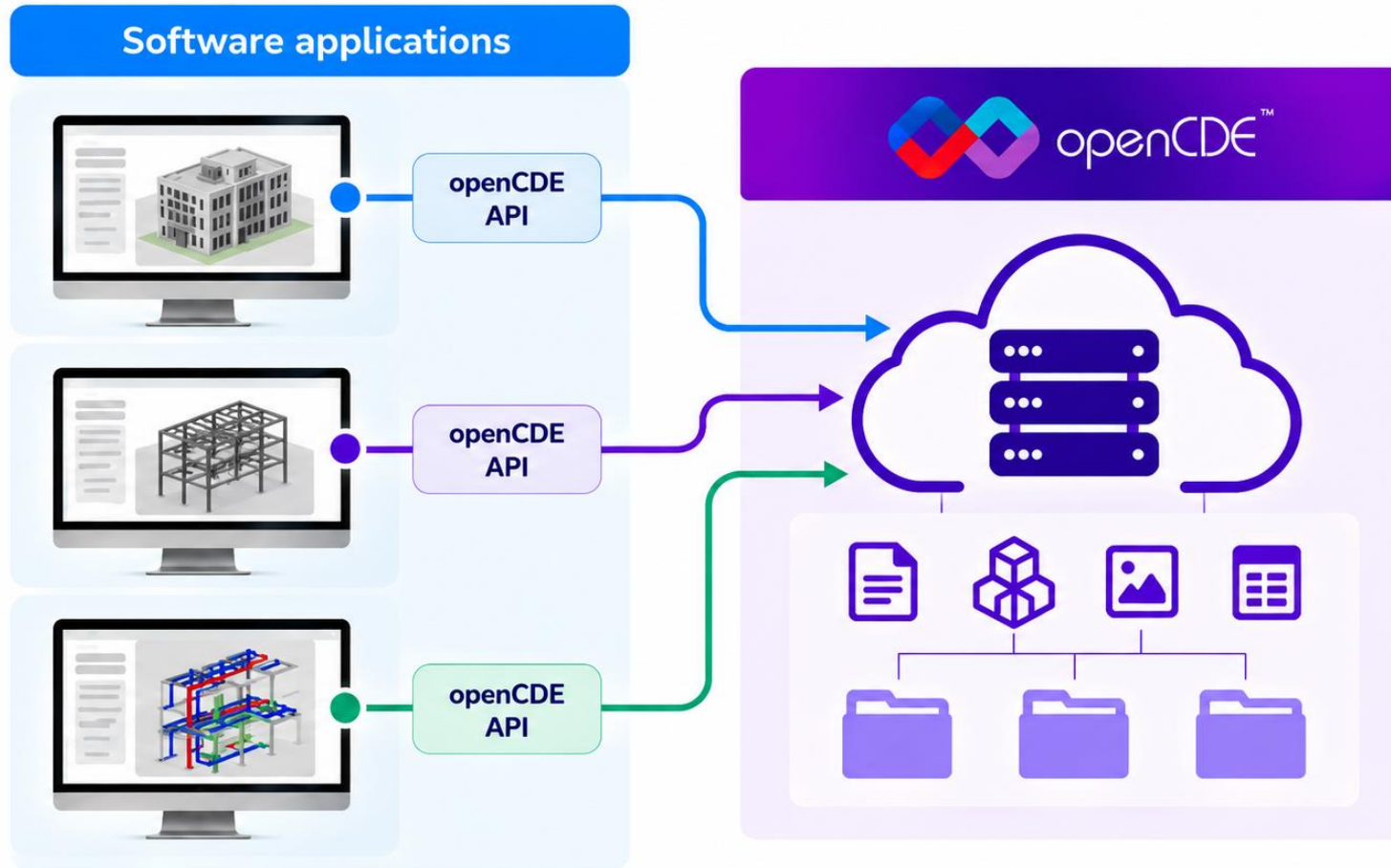


bSDD (buildingSMART Data Dictionary)





openCDE (Common Data Environment)



buildingSMART International



buildingSMART Summit



buildingSMART Summit

Takes place twice a year, moving around the world and bringing with it an international community of openBIM experts and advocates.

Reasons to attend:

-  Learn about the latest in open digital workflows
-  Shape the future of digital interoperability
-  Educate yourself in the application of openBIM
-  Connect with leaders & experts from across the built environment
-  Share challenges and solutions with a global community
-  Promote your organization on an international stage

buildingSMART Summit



buildingSMART Benelux

buildingSMART Benelux

[Home](#) » [Community](#) » [Chapter Directory](#) » buildingSMART Benelux



buildingSMART Nederland, Buildwise and CRTI-B host the chapter in the Benelux region. This Benelux chapter aims to streamline project delivery, improve data interoperability, and promote sustainability through digital transformation in the built environment. It acts as a hub for regional stakeholders to exchange knowledge and adopt global best practices tailored to local needs. An active community develops guidelines and documentation based on the openBIM standards to share them with the international community.

Incorporated in: 2016

Status: Full Chapter

Chapter leader



Dieter Froyen
Chairperson



Charlie Boon-Bellinaso
Chapter Leader



Paul Bos
Chapter Leader



buildingSMART Belgium

Subchapter buildingSMART Benelux

- Automatic member via Cluster
- Digital Construction
- Focus on Belgian market

Goal

- BIM community
- Support openBIM initiatives



Dieter Froyen
Qonic



Evy Verwimp
Buildwise



Jari Verniers
Bimplan



Louis Casteleyn
Brussels Airport Company



Yasmine Denruyter
Arcade Groep

buildingSMART Belgium

Help us push
openBIM!



Be part of
the community!



www.buildingsmart.be



[Home](#)[News](#)[Events](#)[Who We Are](#)[Downloads](#)[Become A Member](#)[Contact](#)

Home

Developing and encouraging the application of openBIM standards

buildingSMART is the worldwide industry body driving the digital transformation of the built environment. buildingSMART is committed to delivering improvement by the creation and adoption of open, international standards and solutions for infrastructure and buildings.



Latest News



Brussels Airport sets new standard with IFC-first BIM policy



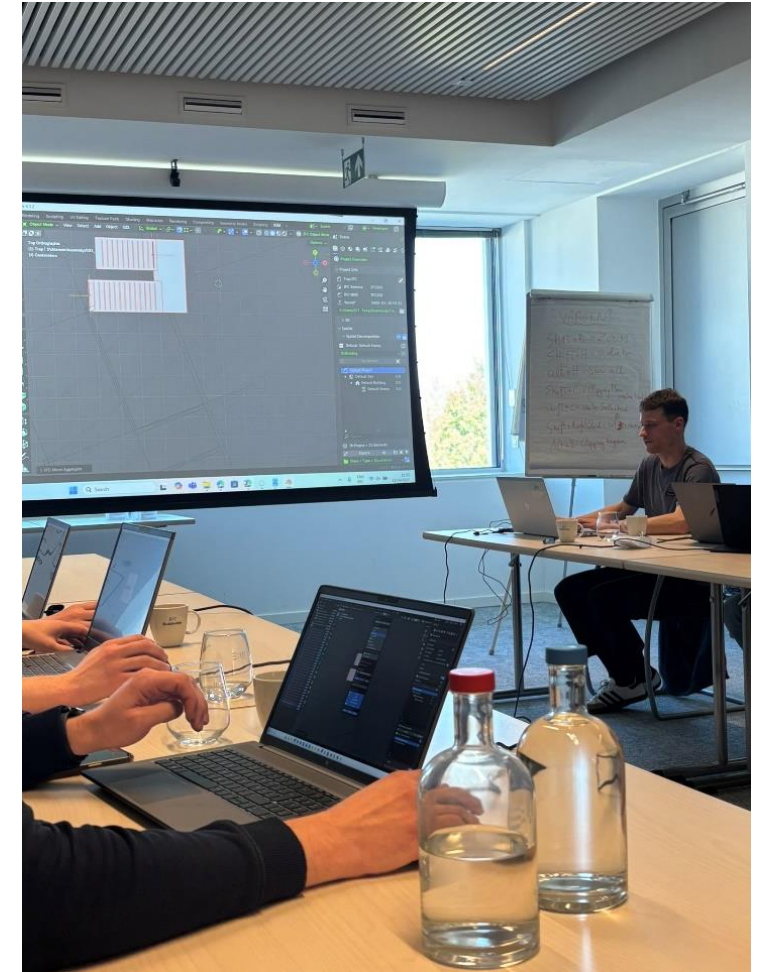
Throwback to the buildingSMART

buildingSMART Belgium

Information sessions

- buildingSMART and openBIM
 - VUB / UCL
 - Buildwise – Cluster Digital Construction

- Bonsai
- IDS

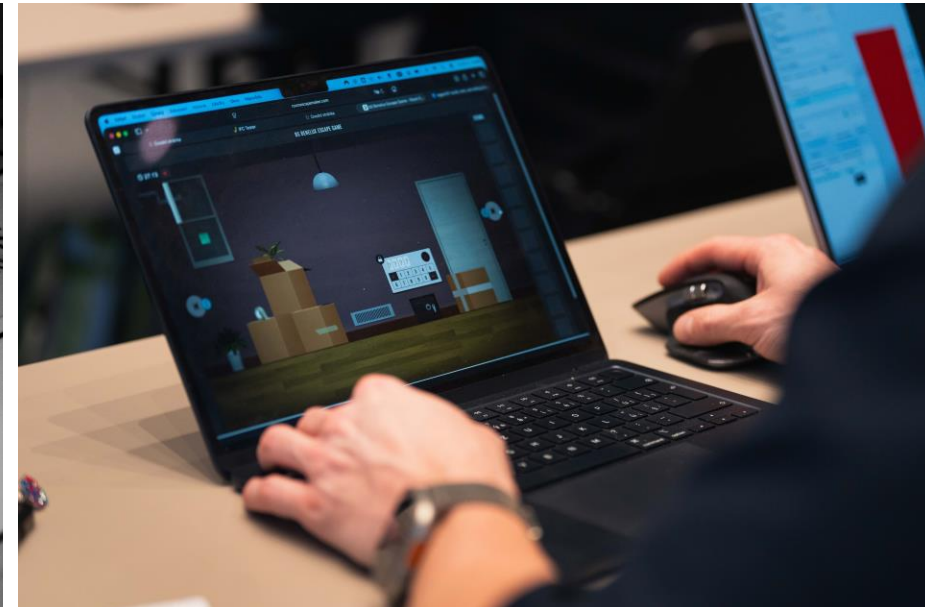


buildingSMART Belgium

Games

Hosting on national and international events

- Information management game
- IDS escape game



Publications

- 🧩 openBIM policy
- 🧩 IDS crash course
- 🧩 IFC base rules (*in review*)
- 🧩 Regex patterns (*in review*)
- 🧩 General openBIM presentation (*planned*)

1 Definitions

2 Introduction

2.1 Policy Statement

This policy establishes the principles for ownership, interoperability, long-term accessibility, and vendor independence of digital building information.

This policy does not assess or compare the operational advantages and disadvantages of proprietary formats versus open standards, but focuses on strategic objectives.

More specifically it states the strategic choice of BAC to use the open ISO standard IFC (Industry Foundation Class) over proprietary formats, whenever possible.

2.2 Goal

The goal of this document is to:

- Ensure long-term control and accessibility of BIM data.
- Prevent structural vendor lock-in.
- Standardize quality assurance across projects.
- Reduce strategic and financial risks linked to proprietary ecosystems.
- Position BAC as a leader in open standards within the industry.

3 Scope

This policy applies to:

- All capital projects (CAPEX)
- All operational and renovation projects (RUN/OPEX).
- All internal departments handling BIM data.
- All external designers, contractors, consultants, and framework partners delivering digital models.

This policy governs:

- Model deliverables.
- Data formats.
- Archiving strategy.
- Platform and integration strategy.

This policy does not prescribe which native authoring software must be used by external parties.

4 Policy

4.1 IFC (Industry Foundation Class) as Foundation

BAC adopts an IFC-first strategy based on the following principles:

- IFC is the most widely supported and vendor neutral BIM schema in the industry.
- IFC is a schema, not a fixed format, and can be serialized differently depending on use case.
- IFC ensures long-term accessibility and interoperability.
 - For example: IFC2x3 (2005) remains widely supported, including by free viewers.



- Free accessibility ensures data ownership and control.

BAC will not structure its portfolio around proprietary formats that create vendor lock-in.

4.2 Vendor Lock-In Risk

Proprietary formats create structural dependency on certain vendors.

Risks include:

- Declining backward compatibility.
- Long-term archiving uncertainty.
- Forced ecosystem dependency.
- Strategic exposure to pricing models and API monetization.

The current trend of monetization of APIs and token-based AI models introduces recurring operational costs that are externally controlled, with no fixed pricing guarantees. Building additional processes on top of proprietary ecosystems increases this exposure.

4.3 Freedom of software for external users

BAC supports project partners to use software that is fit for their purpose. In practice, this results in BAC receives models in multiple native formats. Building processes on top of all of the use formats in the industry is not manageable. However, IFC is widely supported in most of these applications.

4.4 Hybrid Model

Not all business requirements are available by the use of open formats, therefore it should be applied as much as possible, leaving room for proprietary formats when necessary. This is supported by a hybrid approach model:

- Native files must be delivered.
- IFC is the contractual final deliverable.
- All quality checks are performed exclusively on IFC.

This ensures:

- One quality assessment pipeline.
- Scalability.
- Software neutrality.
- Consistency across project portfolio.

Native software choice remains with the supply chain, but IFC ensures standardization.

buildingSMART Belgium

Lobby work

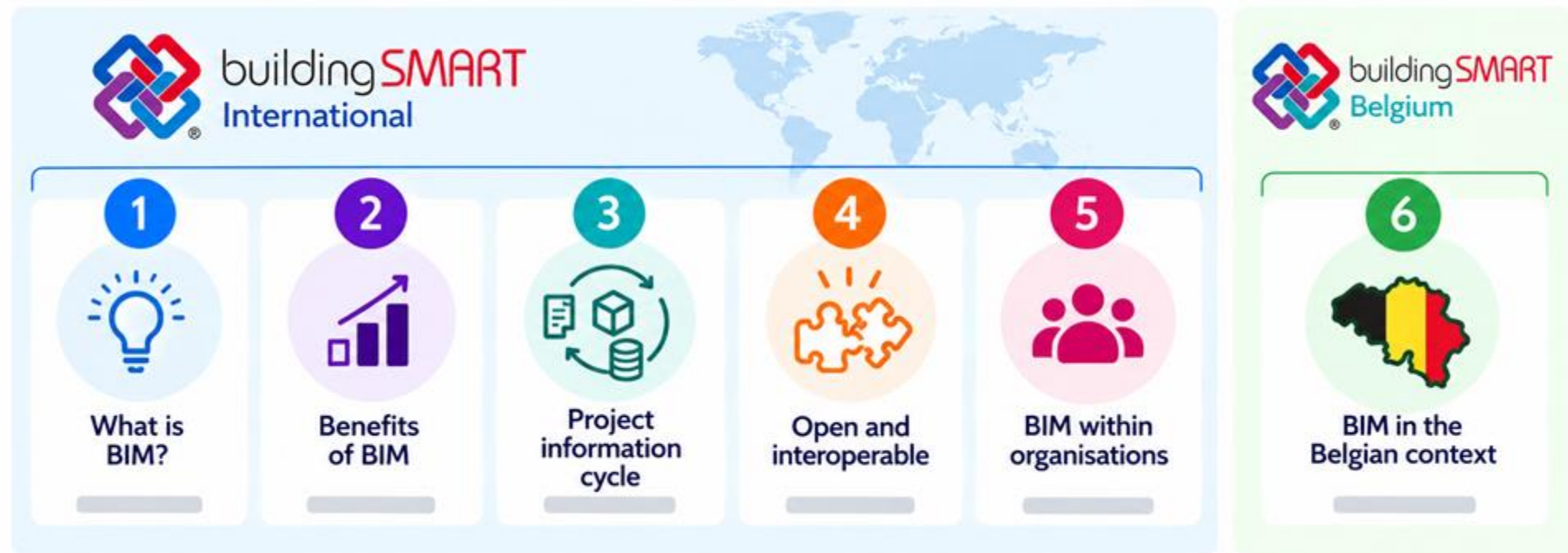
- 🧩 FOD Finance
 - Future of the B-EPD programme
 - Integration of this data in BIM models
- 🧩 Academic world



buildingSMART Belgium

Professional Certification

🌐 National Module – Foundation level

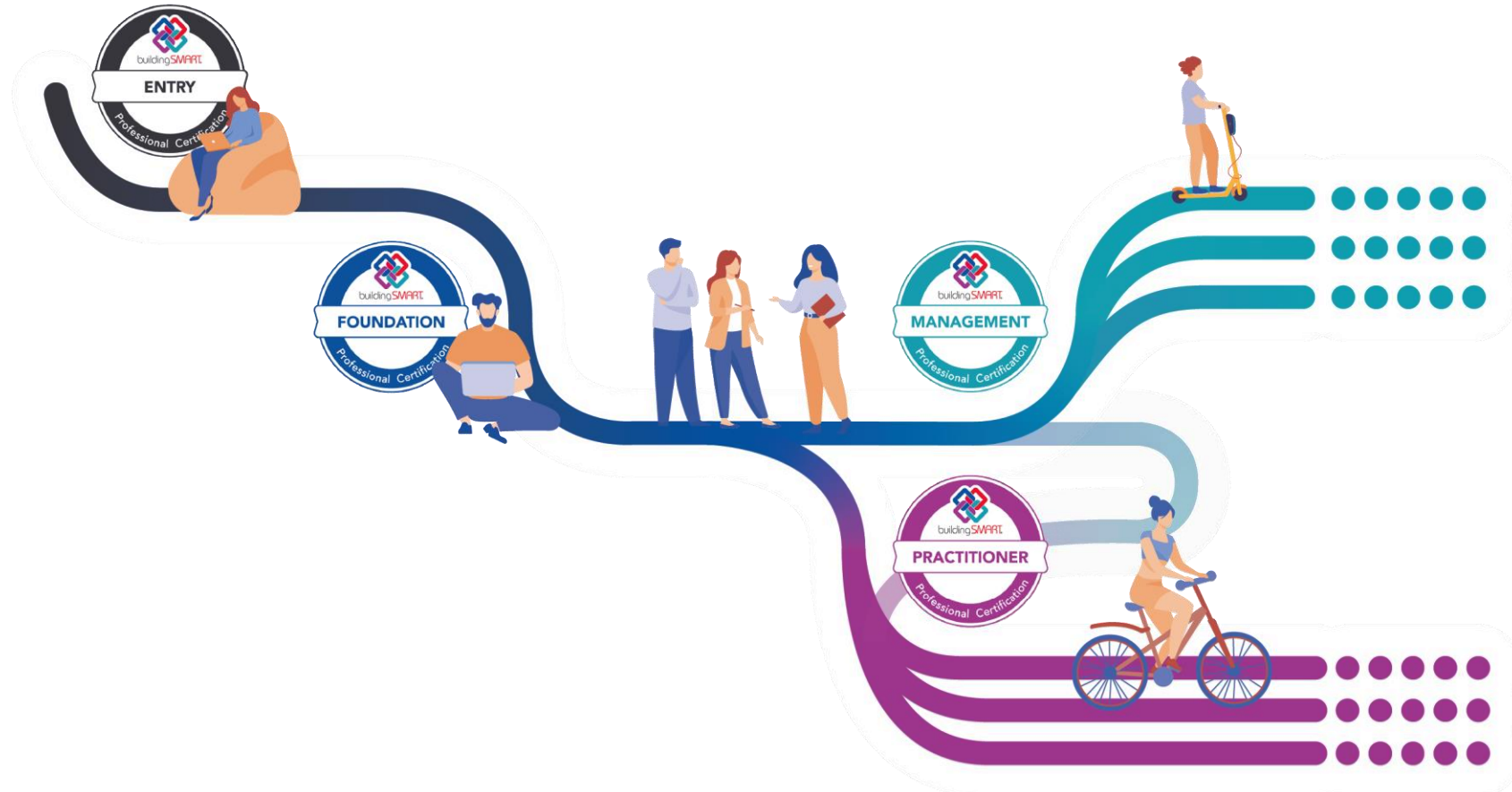


buildingSMART Professional Certification

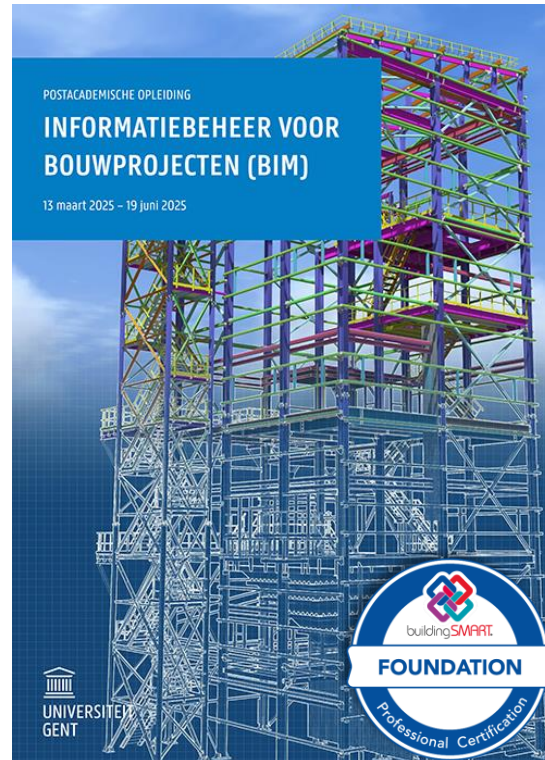



bimplan
intelligent bouwen

27/10 & 10/11/2026



buildingSMART Professional Certification





Let's keep in touch

