



Valuation Office  
Agency

# Transforming address processes at the VOA

Stuart Andrews

GeoPlace Conference 2025

# Thank you...

- Andrew - LandInform Limited
- Stuart – SN&N at Blackburn with Darwen Borough Council
- Steve, Zoe, Neil, Luke, Gary, Kerry and others - GeoPlace



# My (relevant) background

Land/Geomatic Surveyor

Taught Geomatics at University (including GIS)

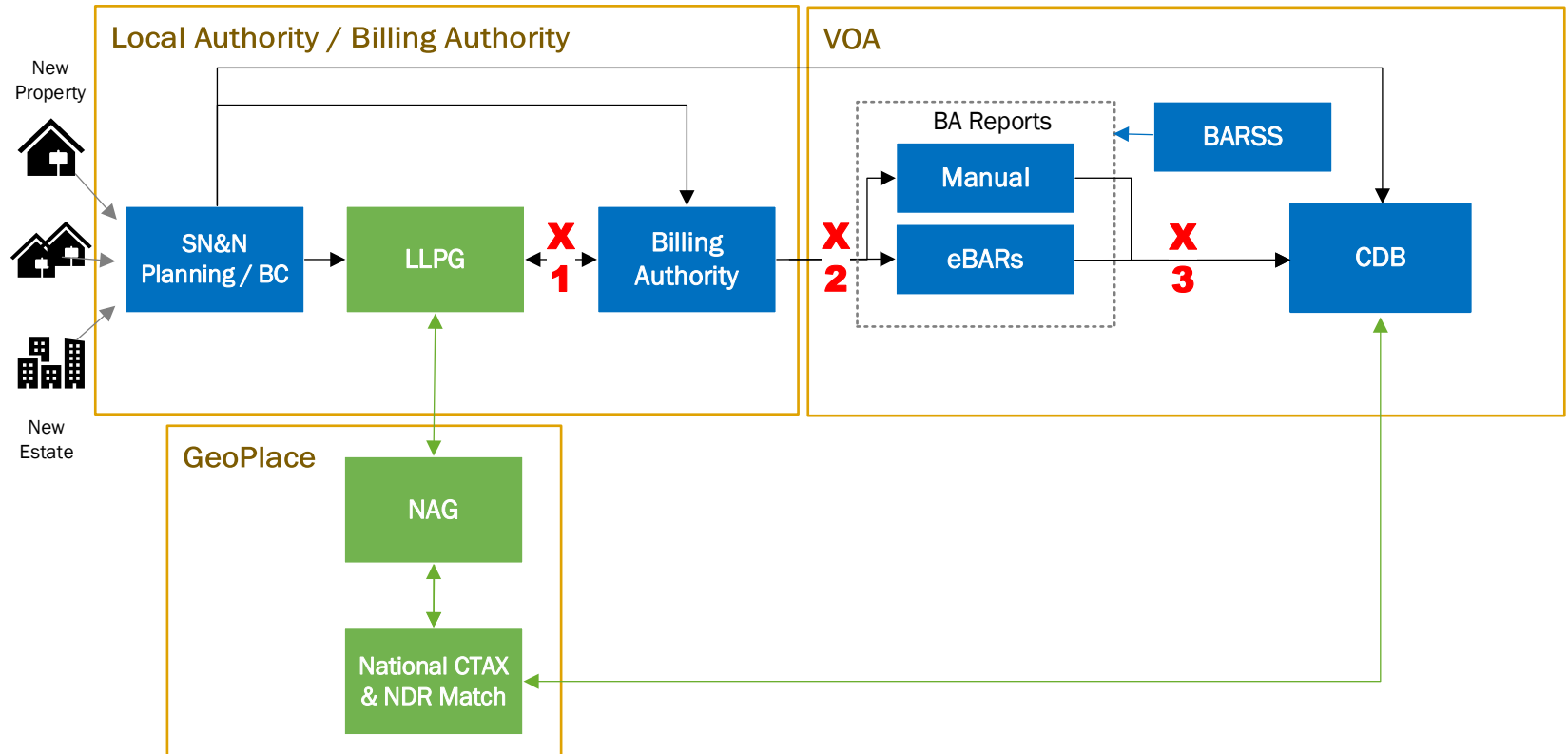
10 years at the VOA – data and processes

Systems Thinking – Addressing ecosystem in the UK

Data Architect (including data modelling)



# VOA's historic addresses process



Based on a new Council Tax property

# Example CDB addresses and structure

Firm/Occupier	
Number/Name	84
Substreet	
Substreet	
Substreet	
Street	CALVERLEY ROAD
Post District	
Town	TUNBRIDGE WELLS
County	KENT
Postcode	TN1 2UN

Firm/Occupier	
Number/Name	FLAT 12
Substreet	
Substreet	
Substreet	HARGREAVES HOUSE 90
Street	CALVERLEY ROAD
Post District	
Town	TUNBRIDGE WELLS
County	KENT
Postcode	TN1 2UN

The 'Number/Name' field can be used for primary, secondary and/or both primary and secondary level address information.

Primary address information and building names can also appear in the 'Substreet' field.



# Example CDB addresses and structure

Firm/Occupier	
Number/Name	84
Substreet	
Substreet	
Substreet	
Street	CALVERLEY ROAD
Post District	
Town	TUNBRIDGE WELLS
County	KENT
Postcode	TN1 2UN

Firm/Occupier	
Number/Name	FLAT 12
Substreet	
Substreet	
Substreet	HARGREAVES HOUSE 90
Street	CALVERLEY ROAD
Post District	
Town	TUNBRIDGE WELLS
County	KENT
Postcode	TN1 2UN

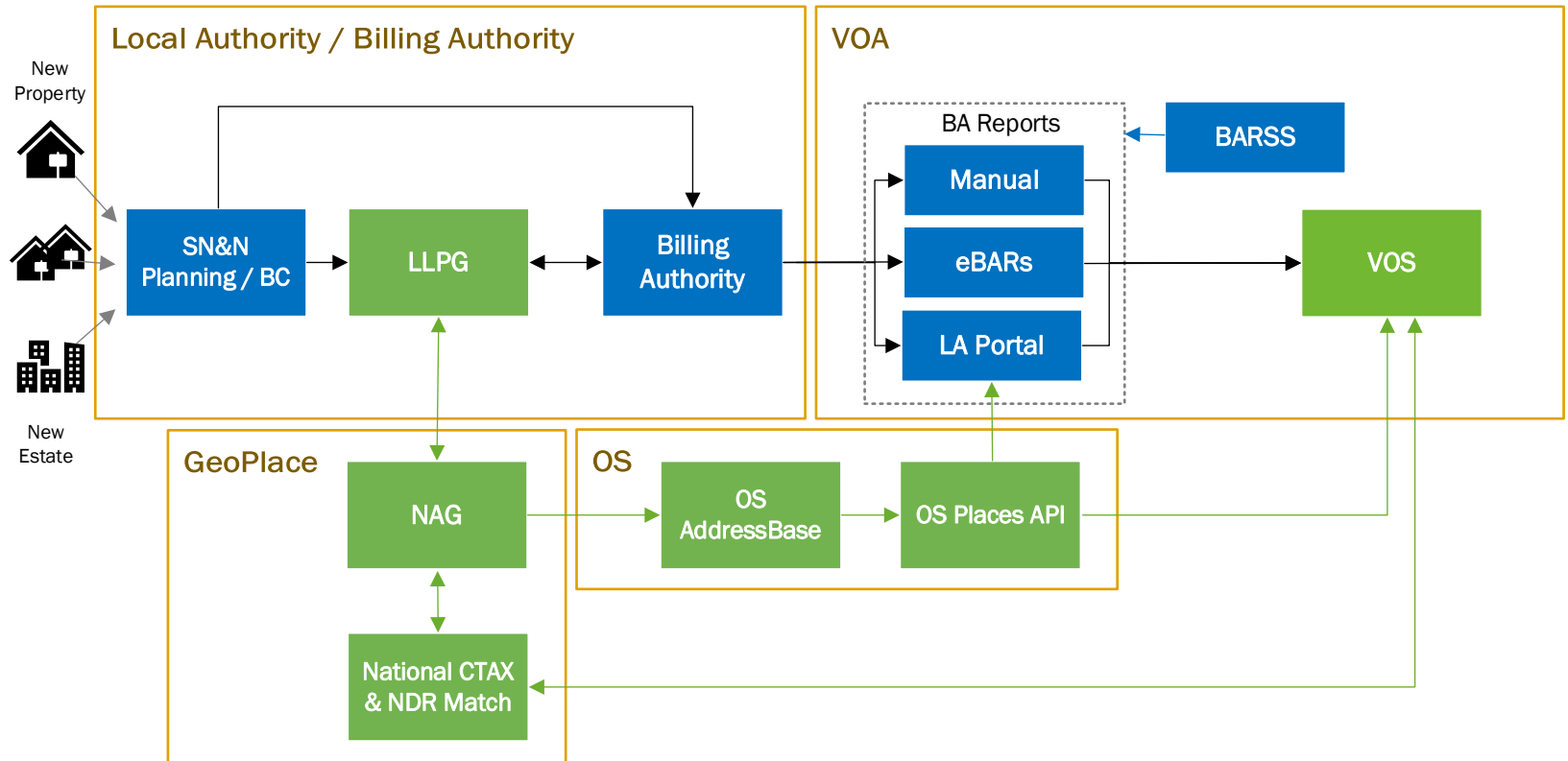
Firm/Occupier	
Number/Name	THE FLAT 98-100
Substreet	
Substreet	
Substreet	
Street	CALVERLEY ROAD
Post District	
Town	TUNBRIDGE WELLS
County	KENT
Postcode	TN1 2UN

The 'Number/Name' field can be used for primary, secondary and/or both primary and secondary level address information.

Primary address information and building names can also appear in the 'Substreet' field.




# VOA's new addresses process – consumers of addresses



Based on a new Council Tax property

# Example VOS (Valuation Operating System) address

Sub Building	FLAT 12
Building Name	HARGREAVES HOUSE
Building Number	90
Street	* CALVERLEY ROAD
Locality	
Town	* ROYAL TUNBRIDGE WELLS
Postcode	* TN1 2UN
UPRN	10090059062
Parent UPRN	10000068446
Easting	558,733.88
Northing	139,532.20
Address Source	*  <a href="#">Official UK Address</a>

Firm/Occupier	
Number/Name	FLAT 12
Substreet	
Substreet	
Substreet	HARGREAVES HOUSE 90
Street	CALVERLEY ROAD
Post District	
Town	TUNBRIDGE WELLS
County	KENT
Postcode	TN1 2UN

In the new system, VOS, the primary and secondary level address information has its own field - as does building name.

These fields are created directly from SAO and PAO information provided by the OS Places API.

| 05/06/2025 | 8





# Questions you may want to ask

## Will VOA still create addresses...

- Yes, in the short term, but in the longer term we want to move to be consumers of 'official' addresses.
- System has been set up to consume UPRNs.

## Are all addresses 'official'...

- No – but structure aligns with BS7666 – which is key.
- Domestic system live. Still building the non-domestic system.

## Has the change gone smoothly...

- No – still a few 'bugs' and people need to get familiar with new processes.
- 100% believe we've done the right thing.

## Does the BS7666 standard meet all of VOA's requirements for addressing?

- We value 'hereditaments'.
- Relationship to many-to-many.



# Summary statement

## The VOA are:

- Adopting and utilising the UPRN when referring to property-based information.
- Building UPRNs (and USRNs) into our systems.
- Moving towards being consumers of addresses – not creating our own.

There is still a way to go, but we have taken the first steps to get there.

