

# SATURN

# ATKINS

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## SATVIEW & Future Developments



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Presentation to SATURN User Group Meeting

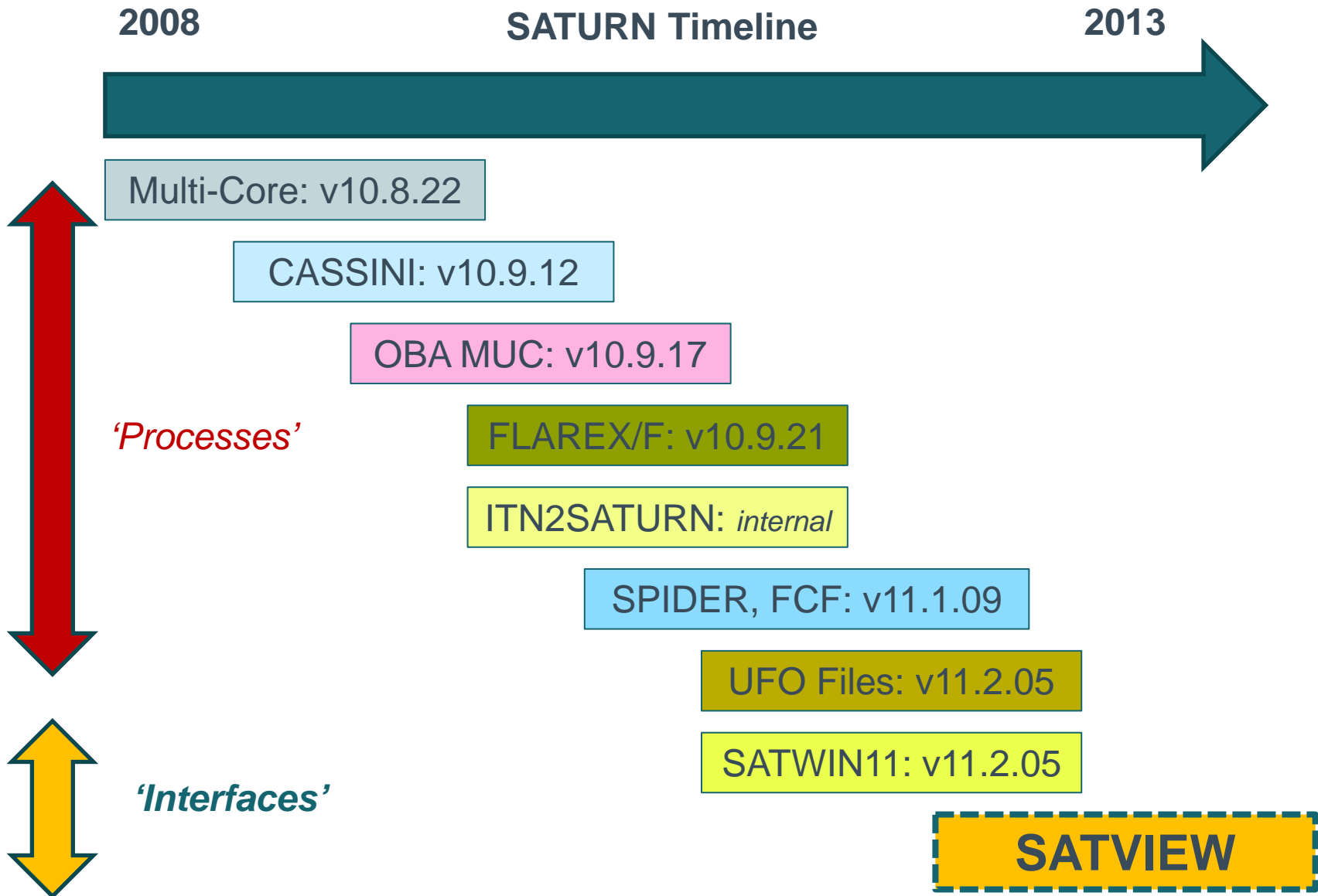
Ian Wright / Erik Nielsen

Atkins Limited

Plan Design Enable

# Selected SATURN Developments ...

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“The Times They Are a-Changin’ ...”

- SATVIEW Demonstration

# SATVIEW – User Requirements?

## User Check List ...

- Windows-based Graphical User Interface
- Mouse navigation (further features to be added: 'in-hand')
- Mapping background (Map, Aerial + Hybrid)
- Enable 'Desktop' publishing
- Link / node attributes
- *In the coming weeks, more to be added ....*



A new way of displaying SATURN information  
- *not* a P1X replacement

# SATVIEW – Further Details

## Technical Information:

- GUI: MS WPF + SQL Server + Map.NET
- DLL to **existing** SATURN FORTRAN routines
- **Direct access** from SATURN binary files

Key building blocks  
in place

## Phased Development:

- Demonstration prototype at this early stage
- Functioning software **not** 'vapourware'
- Further testing work required outside existing developer framework
- Decisions to be made regarding:
  - 'minimum' functionality for first release
  - release cycle
- Further investment to be made:
  - Expand functionality

# Looking Further Ahead

## Linked to SATVIEW ...

- Migration to Dongle-based product:
  - Necessary for new Graphical User Interfaces
  - Direct link between # of users and sales/maintenance charges
  - Builds on existing technology
  - Internal 'Atkins' pilot first
- Review of existing Pricing Structure
  - Support expanding SATURN team
  - Offset current investment costs
  - Enable further development of User Interfaces
  - More equitable charging structure
  - Replace existing campus-based maintenance agreements