Dirck Van Vliet

2014 SATURN User Group Meetings – Epsom

Welcome

Thursday 27th November 2014

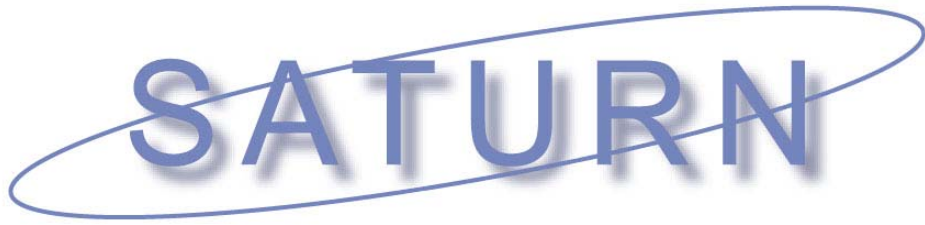**Ian Wright**

Atkins Limited

Plan Design Enable

Working Timetable

Morning session

- 11:00 – Welcome & Latest News
- 11:20 – Forthcoming Changes & Developments
  - FY15/16 Licensing
  - SATVIEW Walk Through
  - SATURN Beta Programme
- 12:45 – Lunch

Afternoon session

- 14:00 – Presentations
  - Latest News from the Department
    Dharmender Tathgur, DfT
  - Latest changes in SATURN v11.3
    Dirck Van Vliet
- 15.15 – Coffee
- 15:30 – DfT TTWD Software Update
- 15.45 – Future Developments & User Requirements
- 16.15 – Closing Comments

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Latest News

Thursday 27^h November 2014

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Release Schedule (i)

SATURN
www.saturnsoftware.co.uk

Recent SATURN Releases

- Main releases
  - March 2014
  - September 2014

- Beta provides new features for external testing

- Letter suffix now added
  - Greater flexibility in providing bug fixes

- Why v11.2.05**U**?
  - Still popular!
  - Need to provide updates

How many v11.3.07K users?

Version	Date	Comment
11.3.01/2	January 2014	Limited Beta
11.3.03G	March 2014	Full release
11.2.05**U**	July 2014	As required
11.3.07K	October 2014	Full release
11.3.08	*December 2014*	*Update via Service Pack*

SATURN Service Packs

Provide easier & quicker access to the latest updates
- Bug fixes
- New features

Contains bundled set of updates:
- Selected executables / batch files etc
- Manual revisions
- SATWIN11
- 'XEXES only' release

Differentiators?
- Letter suffix (e.g. v11.2.05U)
- Updated SATURN.VER
- LP? Headers

Applications:
- Required for SATURN Beta Programme
- To be used for v11.3.08?

SATURN
www.saturnsoftware.co.uk

SATWIN 11.3 Updates

Re-designed interface

- Grouped functions
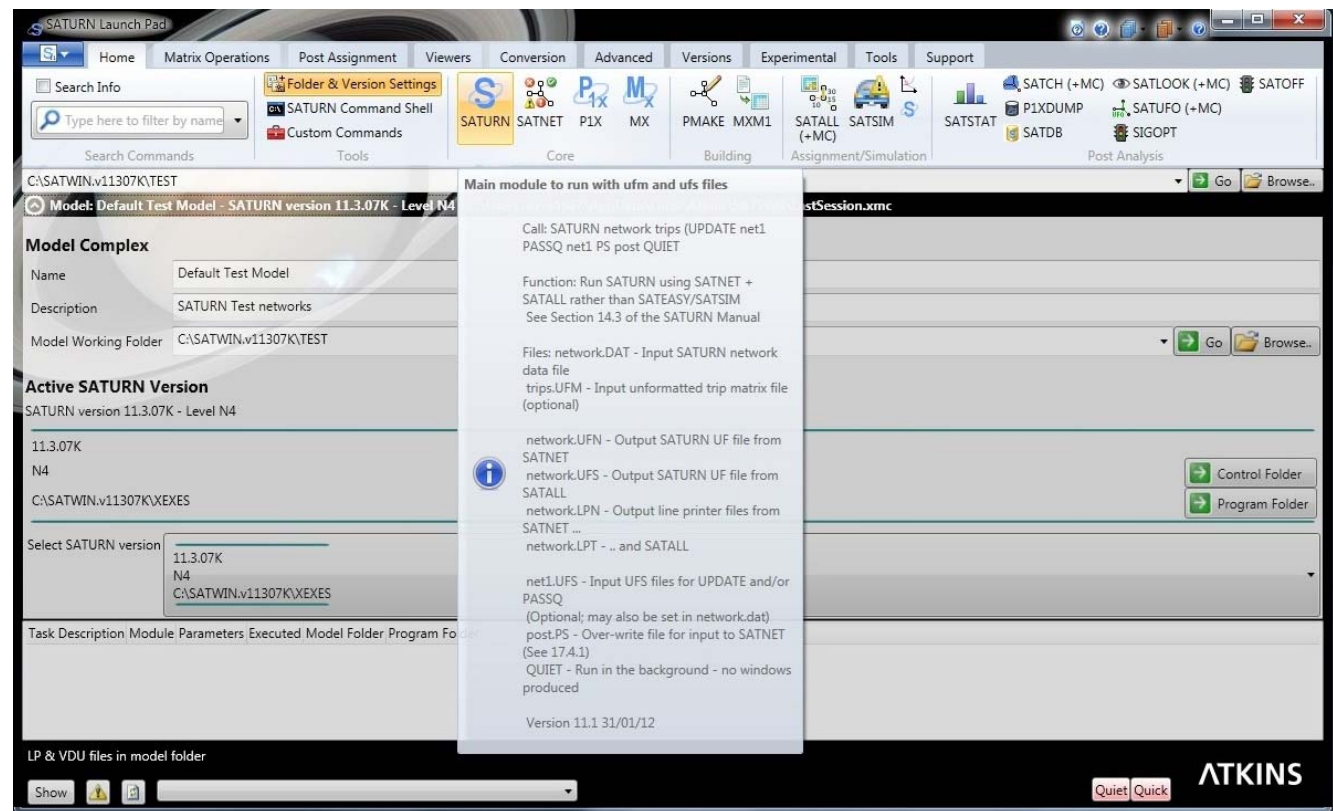
New HTML-based Manual

- Single document

- Keyword search

- *and see Section 24. Index for the refined list*

Error Manager

- Uses SATNET .ERL files

SATWIN10

• To be retired with v11.4

SATUFO Files (Reminder!)

Why aren't we using them more?

- Further enhancements with v11.3.03 release

- Store path (origin-based) information

- Secondary analysis undertaken using UFO files

- Advantages:

  – Paths **extracted** rather than **recreated** from existing link costs (UFC)

  – Secondary analysis only takes a few minutes

  – Same levels of accuracy as the UFC file

  – Now available in SATLOOK, SATCH, SLA, SATPIJA

  – Create during the assignment (SAVUFO=T) or post-assignment (SATUFO)

- Disadvantages:

  – Assignments will take longer (an extra process)
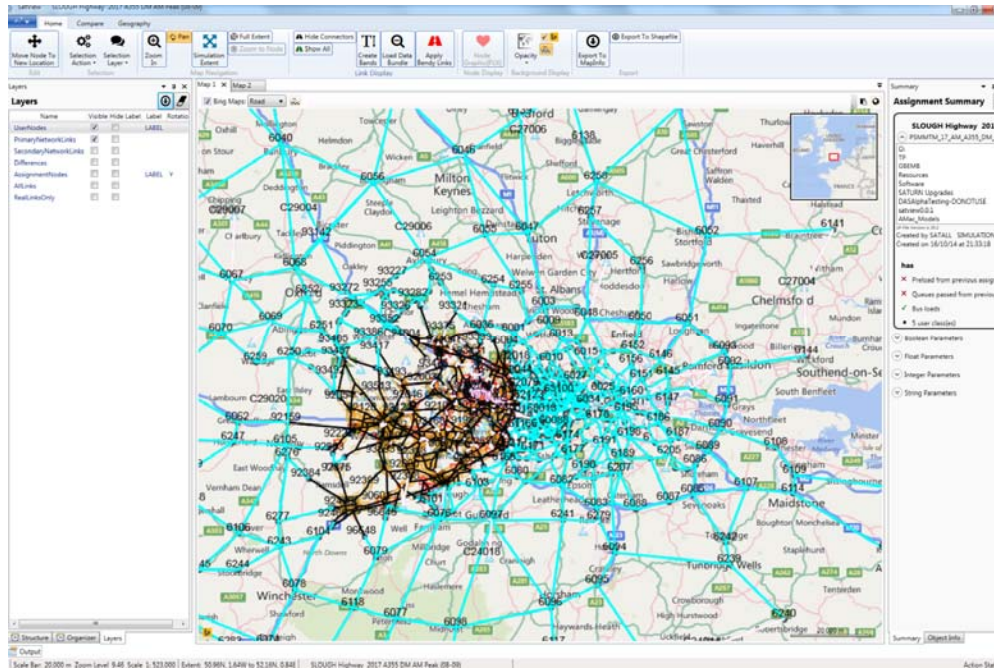
  but available with Multi-Core

HIGHLY
Recommended

© *www.waterdesalinationplants.com* *(2013)*

SATVIEW & A New Licencing Model

Update from 2013 UGM announcement

- **SATVIEW**

  – Part of new SATURN Beta Programme

  – Full release during FY15/16

  See next Presentation

- **New Licencing Model**

  – Move to 'per user/seat' application

Expanding SATURN Team
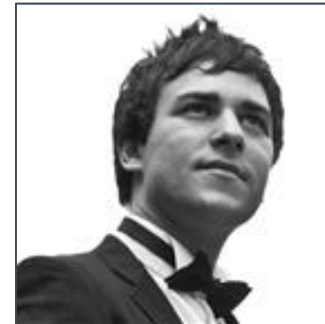
Recent recruits

Mara   David   Vijay   Sterren

More people needed …

- SATURN / TTWD Project Manager
- Lead Software Developer
- Graduate Software Developer

Quietly interested?

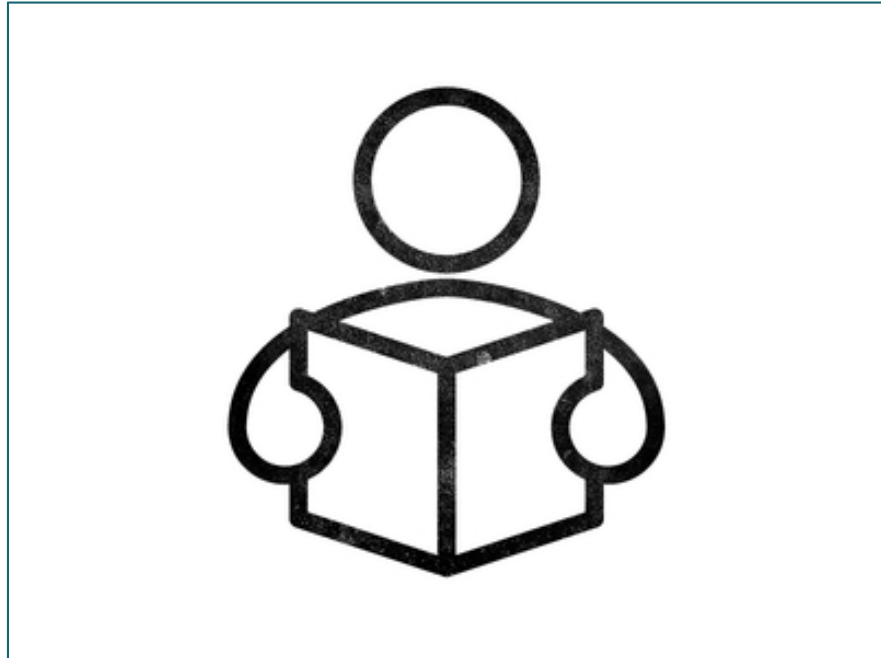See Atkins website (http://careers.atkinsglobal.com/)

& search for "SATURN"

Training Courses for 2015

Introduction to SATURN Course

- 3-day course for new and beginner users
- Now held twice per year
  - March & September 2014
- Forthcoming dates
  - 10th to 12th February 2015
  - 16th to 18th September 2015

  (Epsom-based)

Advanced SATURN Workshop

- *Summer 2015 (?)*
- *3 x 1-day workshops*
  - *Variable Demand Modelling, Appraisal*
  - *Matrix Estimation, Convergence, TAG Unit M3.1*

© Richard de Ruijter, Dribbble.com (2013)

Bespoke courses - on request

Looking Ahead …

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- Updates to the FY15/16 Licencing Model
- SATVIEW Beta & Full Release
- In the coming months:
  - Modelling of Buses and Bus Lanes (Beta)
  - Improved modelling of lane choice at roundabouts
  - Signal data inputs using phased-based timings (Beta)
  - Usual core updates
  - User Requests
    - *Please let us know …*
- Communications
  - *Want to hear your views*
  - *Forum / LinkedIn / Twitter (!)*
  - *Knowledge Base / FAQ*

Administrative Details

Housekeeping:

- E-mails:
  - Support e-mail: saturnsoftware@atkinsglobal.com
  - Beta programme: saturnbeta@atkinsglobal.com
  - Mailing List: saturnmail@atkinsglobal.com
- SATURN support telephone number 01372-756755
- File exchange server available to exchange model files for support queries

Key Dates:

- Nov'14 – User Group Meetings

  ITS Leeds (14th) & Epsom (27th)
- Dec'14 – SATURN v11.3.08 release
- Mar'15 – SATURN v11.4 Release
- Apr'15 onwards – Updated FY15/16 Maintenance / Licensing