

Non-Erasable Audit Trail



Cloud Amber has added a non-erasable audit trail feature to the Argonaut product family. Integrated in to all elements of Argonaut, the audit trail logs all changes made to any aspect of the system and records all commands sent. The comprehensive audit trail includes time, date, device changed, user name, etc. These can be retained for a configurable period of time or indefinitely. This allows anyone to see who changed what and when. All data can be reported on, printed, queried and analysed as required.

Features

- Records all user actions
- Records all automatic decisions within the Strategy Manager and other business components
- Records all communications with public facing outstation equipment
- Full drop down filters on users and objects
- Logs include date, time, user, action and associated data

Benefits

- Enables reconstructions and lessons learnt
- Enables future analysis and preventative measures
- Reduced time spent on freedom of information requests
- Provides an instant audit trail of who/what/when

Technical Details

- Fully integrated with Argonaut, Strategy Manager, Adaptors & Reports
- Simple upgrade to any Argonaut implementation
- Filters applied quickly and easily through drop down menus
- No engineer configuration required

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The screenshot shows the 'Device History' page in the Argonaut Unified Transport Management Control system. At the top, there is a navigation bar with the Argonaut logo and the text 'Unified Transport Management Control with Network Monitor & Strategy Manager'. Below this, there are two dropdown menus for 'Table Name' (set to 'All') and 'User Name' (set to 'All'). A 'Toolbar' is visible on the left side. The main content is a table with the following columns: SystemCodeNumber, ShortDescription, Description, Creation Date, Action, and UserName. The table contains 15 rows of data, including entries for 'New Tr configuration Inserted', 'New Strategy inserted', 'New Vms commands Inserted', 'Tr definition Updated', and 'Incident definition Updated'.

SystemCodeNumber	ShortDescription	Description	Creation Date	Action	UserName
333141783		New Tr configuration Inserted	12/08/2011 14:13:10	Inserted	JamesDuncan
698	Weekley Strategy 15/08/2011	New Strategy inserted	12/08/2011 13:06:02	Inserted	JamesDuncan
OXFO-V0002		New Vms commands Inserted	12/08/2011 11:58:17	Inserted	JamesDuncan
OXFO-1980947451	Cumnor VMS - A34	Tr definition Updated	12/08/2011 10:18:56	Updated	JamesDuncan
1185412311		New Tr configuration Inserted	12/08/2011 10:16:56	Inserted	JamesDuncan
1185412311		New Tr definition Inserted	12/08/2011 10:16:55	Inserted	JamesDuncan
OXFO-1113472613	Incident - Banbury Rd, Summer Town	Incident definition Updated	11/08/2011 17:35:37	Updated	RuthAnderson
OXFO-1113472613	Incident - Banbury Rd, Summer Town	Incident definition Location Updated	11/08/2011 17:30:32	Updated	RichardBowman
1113472613		New Incident definition Inserted	11/08/2011 17:29:43	Inserted	RichardBowman
697	VMS legends test strategy	New Strategy inserted	11/08/2011 13:47:50	Inserted	JamesDuncan
696	Operator approval test	Strategy updated	11/08/2011 13:07:34	Updated	JamesDuncan
696	Operator approval test	New Strategy inserted	11/08/2011 11:51:29	Inserted	JamesDuncan
OXFO-856545264	Wolvercote VMS - Headington	Tr definition Updated	11/08/2011 09:40:32	Updated	JamesDuncan
OXFO-576478307	Yarnton VMS - Headington Rbt	Tr definition Updated	11/08/2011 09:26:39	Updated	JamesDuncan

Example screenshot showing all recent activity in Argonaut. Each entry shows the affected System Code Number, description of the change made, date, time, user etc.

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Device History Unified Transport Management Control with Network Monitor & Strategy Manager

Table Name: All
User Name: JamesDuncan

SystemCaseNumber	ShortDescription	Description	Creation Date	Action	UserName
OXFO-V0001		New Vms commands Inserted	08/08/2011 08:08:15	Inserted	JamesDuncan
OXFO-V0005		New Vms commands Inserted	08/08/2011 08:07:24	Inserted	JamesDuncan
695	A4074 long lane closures	New Strategy Inserted	05/08/2011 11:41:53	Inserted	JamesDuncan
OXFO-V0004		New Vms commands Inserted	05/08/2011 11:33:17	Inserted	JamesDuncan
OXFO-V0002		New Vms commands Inserted	05/08/2011 11:22:53	Inserted	JamesDuncan
OXFO-2073479200	Service G401 withdrawn with immediate effect	Incident definition Location Updated	05/08/2011 09:40:29	Updated	JamesDuncan
2073479200		New Incident definition Inserted	05/08/2011 09:34:12	Inserted	JamesDuncan
694	Safely overnight closure actual closure	Strategy updated	05/08/2011 07:25:48	Updated	JamesDuncan
OXFO-V0002		New Vms commands Inserted	04/08/2011 11:49:28	Inserted	JamesDuncan
OXFO-V0002		New Vms commands Inserted	04/08/2011 10:31:02	Inserted	JamesDuncan
OXFO-V0004		New Vms commands Inserted	04/08/2011 08:57:15	Inserted	JamesDuncan
OXFO-V0002		New Vms commands Inserted	03/08/2011 07:45:37	Inserted	JamesDuncan
OXFO-V0002		New Vms commands Inserted	02/08/2011 10:03:57	Inserted	JamesDuncan
OXFO-V0002		New Vms commands Inserted	02/08/2011 09:39:53	Inserted	JamesDuncan

Example screenshot showing a filter being selected against a particular user to see the activities undertaken by that user.

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Device History Unified Transport Management Control with Network Monitor & Strategy Manager

Table Name: Incident_definition
User Name: All

SystemCaseNumber	ShortDescription	Description	Creation Date	Action	UserName
OXFO-679137855	Extreme Rainfall Alert - South East and South West regions	Incident definition Location Updated	18/08/2011 09:56:10	Updated	RuthAnderson
679137855		New Incident definition Inserted	18/08/2011 09:53:00	Inserted	RuthAnderson
OXFO-1113472613	Incident - Banbury Rd. Summer Town	Incident definition Updated	11/08/2011 17:35:07	Updated	RuthAnderson
OXFO-1113472613	Incident - Banbury Rd. Summer Town	Incident definition Location Updated	11/08/2011 17:30:32	Updated	RichardBowman
1113472613		New Incident definition Inserted	11/08/2011 17:29:43	Inserted	RichardBowman
OXFO-1207590081	Thame Road, Towstrey (Oxon.) closed 8-12 Aug.	Incident definition updated	10/08/2011 10:03:39	Updated	JamesDuncan
OXFO-744295252	Kidlington - Bicester Road closed due to burst water main	Incident definition Updated	08/08/2011 17:52:53	Updated	RuthAnderson
OXFO-744295252	Kidlington - Bicester Road closed due to burst water main	Incident definition Location Updated	08/08/2011 15:02:56	Updated	RuthAnderson
OXFO-744295252	Kidlington - Bicester Road closed due to burst water main	Incident definition Updated	08/08/2011 15:02:11	Updated	RuthAnderson
OXFO-744295252	Kidlington - Bicester Road closed due to burst water main	Incident definition Location Updated	08/08/2011 14:54:23	Updated	RuthAnderson
OXFO-744295252	Kidlington - Bicester Road closed due to burst water main	Incident definition Location Updated	08/08/2011 14:53:42	Updated	RuthAnderson
744295252		New Incident definition Inserted	08/08/2011 14:53:42	Inserted	RuthAnderson

Example screenshot showing a filter being selected to see all recent activity relating to incidents within the system.

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Device History Unified Transport Management Control with Network Monitor & Strategy Manager

Table Name: Strategy Manager
User Name: RichardBowman

SystemCaseNumber	ShortDescription	Description	Creation Date	Action	UserName
707		Strategy updated	19/08/2011 11:36:34	Updated	RichardBowman
706		Strategy updated	19/08/2011 11:35:34	Updated	RichardBowman
705	A4074 Lane Closure 20/08/11	New Strategy inserted	19/08/2011 11:30:40	Inserted	RichardBowman
704	A4074 Lane Closure Advanced 19/08/11	Strategy updated	19/08/2011 11:27:31	Updated	RichardBowman
704	A4074 Lane Closure Advanced 19/08/11	New Strategy Inserted	19/08/2011 11:25:57	Inserted	RichardBowman
703	Think Bell Up 12/09/11	New Strategy inserted	18/08/2011 10:30:38	Inserted	RichardBowman
702	Think Kill Your Speed 22/08/11	New Strategy inserted	18/08/2011 10:21:30	Inserted	RichardBowman
685	Weekly Strategy 04/07/2011	Strategy updated	25/07/2011 07:32:29	Updated	RichardBowman
685	Weekly Strategy 04/07/2011	Strategy updated	11/07/2011 07:15:08	Updated	RichardBowman
444	Repat 30/03 P4	Strategy updated	06/07/2011 14:24:03	Updated	RichardBowman
681	Moto GP	New Strategy Inserted	06/06/2011 10:34:35	Inserted	RichardBowman
634		Strategy deleted	31/05/2011 14:35:10	Deleted	RichardBowman
633	M40 Slip-Road	Strategy deleted	31/05/2011 14:35:03	Deleted	RichardBowman
612	Weekly Strat 25/10 R8	Strategy deleted	31/05/2011 14:34:57	Deleted	RichardBowman

Example screenshot showing both filters being applied simultaneously so that all Strategy Manager changes carried out by a particular user are shown.

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