

Presentation to NHS – HE Forum

NHSScotland Update

Edinburgh 16th October 2012

National Information Systems Group,
NHS National Services Scotland

Topics

- SWAN – N3 Replacement
- Video Conferencing

SWAN (N3 Replacement)

What is SWAN?

- Scottish Wide Area Network
- Scotland PSN but with two tier security approach
- This would replace N3
- NHS would lead a Vanguard of up to 3 other organisations/ consortiums
- Would remain a NHS contract, with NSS being the contract and design Authority.

Why SWAN?

- Supports
 - the McClelland review of Scottish Public Sector ICT.
 - Scotland digital future action plan. Focus on broadband delivery.
 - Integration of Health and Social Care
- To make savings by aggregating public sector demand for Broadband services.

Who is in the Vanguard?

- NHS Scotland (Lead Agency)
 - all NHS Boards
- Pathfinder North
 - Argyll & Bute Council
 - Orkney Islands Council
 - The Highlands Council (acting as lead authority)
 - The Moray Council
 - Comhairle nan Eilean Siar (TBC)
- Pathfinder South
 - Dumfries & Galloway Council (acting as lead authority)
 - Scottish Borders Council
- Education Scotland
 - Interconnect 2.0
- Perhaps a few late entries

The Public Services ICT National Board
endorsed the vanguard approach

Progress

- High level requirements complete.
 - Business Continuity is top priority
 - Cost of migration is top concern
 - One contract is preferred.
- Statement of requirement in progress
 - Output based specification nearly complete
 - Tier 1 and tier 2 standards being defined
 - Extensive Consultation with Vanguard partners
- Project Team and Governance.
 - NHS lead SWAN Vanguard
 - Legal advisors D&W on board
 - Project manager, procurement, Financial and technical advisors in place

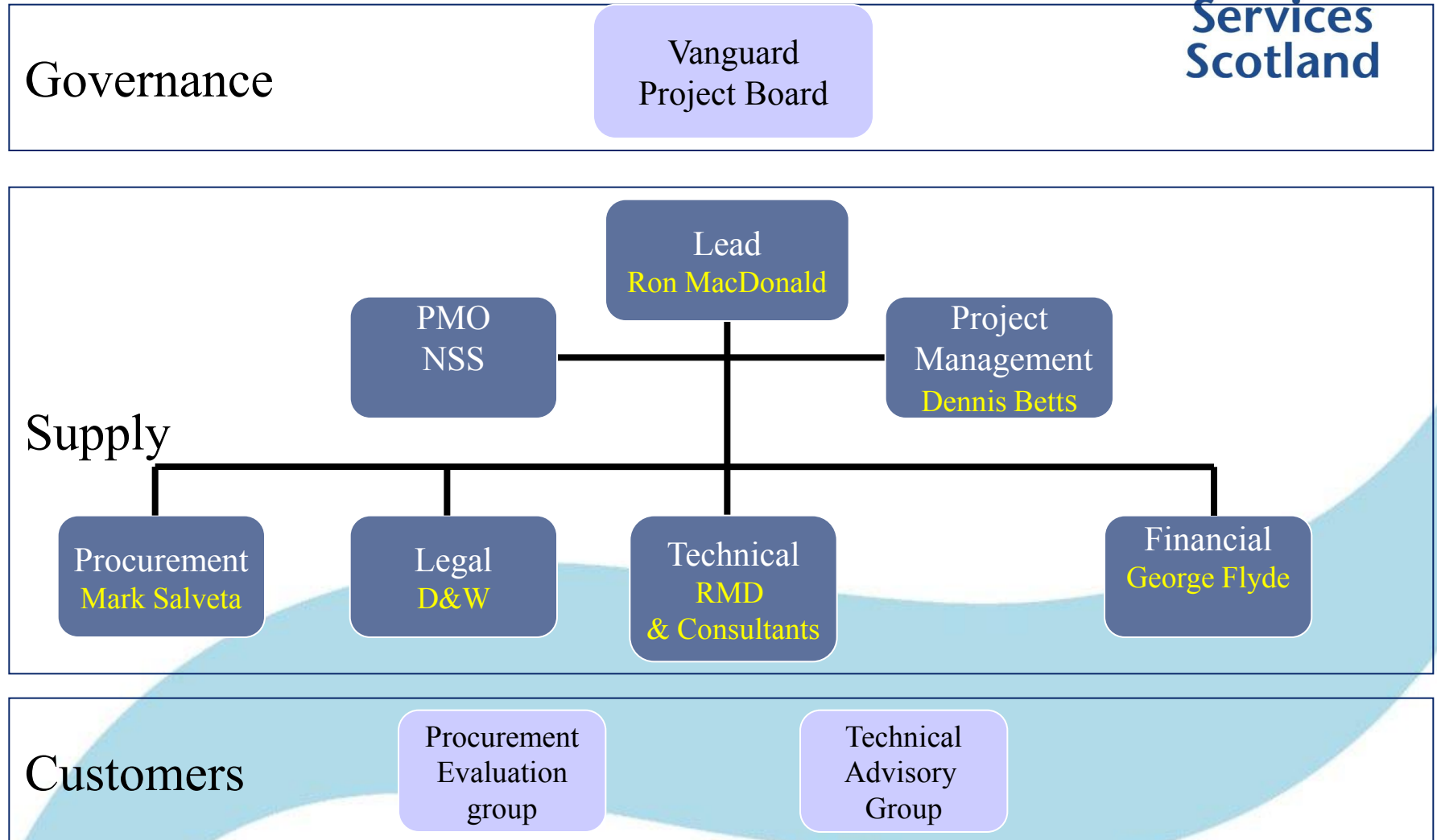
Vanguard High level requirements

- **Broadband connectivity**
 - A catalogue approach
 - Different bandwidths
 - Gold, silver bronze service level approach
 - Tier 1 to be defined and tier 2 (PSN) standard
- **Gateways**
 - To JANet
 - PSN
 - NHSEngland
 - Internet
- **Shared services**
 - Help desk
 - Network management

SWAN Vanguard timetable

Tasks	Time	Date
OJEU Notice	30 days	20 th Oct 12
MOU Agreed		20 th Oct 12
SOR complete	3 months	Nov 12
Dialogue Phase ends	270 days	May 13
Final Bids	21 days	June 13
Award of Contract	1 day	Oct 13
New Tier 1 service Live	4 months	Feb14
Start Migration		April 14
Last N3 orders	3 year migration or commercial migration	March 14
Tier 2 service Live	6 Months	October 14
Last N3 Service		March 17

Project Team Detail



Beyond Vanguard?

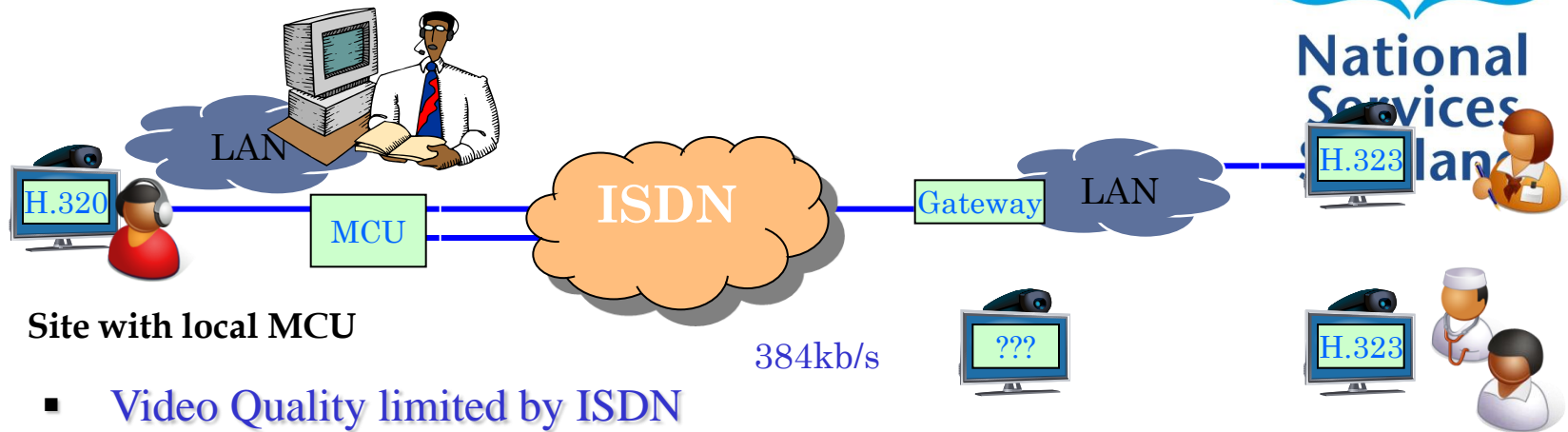
- Potentially all Public Sector organisations
- Tier 2 PSN standard services to be available by October 14.
- Contract to allow for additional organisations and consequential growth.
- Andy Williamson is the SWAN Project Manger

Next steps

- OBS completed by mid November
- Draft PQQ to be issued to Board for comment
- SWAN Governance to be agreed
- Shared cost agreement in place
- MOU with Vanguard Partners before PQQ issued
- Procurement starts in October 12

Video Conferencing Services

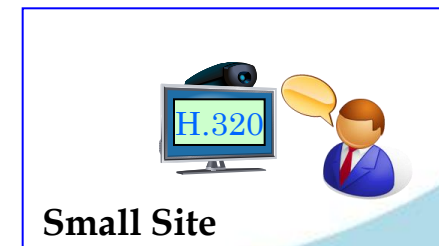
VC in NHSScotland c 2009



Site with local MCU

Large Hospital Site

- Video Quality limited by ISDN
- Difficult to use.
- What's your Number.... I don't know mine.
- "Where's the remote....."
- "I can see you but I cant hear you"
- "I've never been able to dial them before so lets just continue without them"



Small Site

Multiple Instances, no Management system, no directory

NHS VC National Service

- Makes use of existing NHSBoard equipment and support.
- National Directory and Local conference booking
 - Populated from NHSBoard systems
 - Available on line
 - Hosted in Data Centre.
- National Video Routing Service
 - Routes Board A to Board B Video over N3.
- North of Scotland pilot extended to all Boards who want to join.

Based on a standards approach

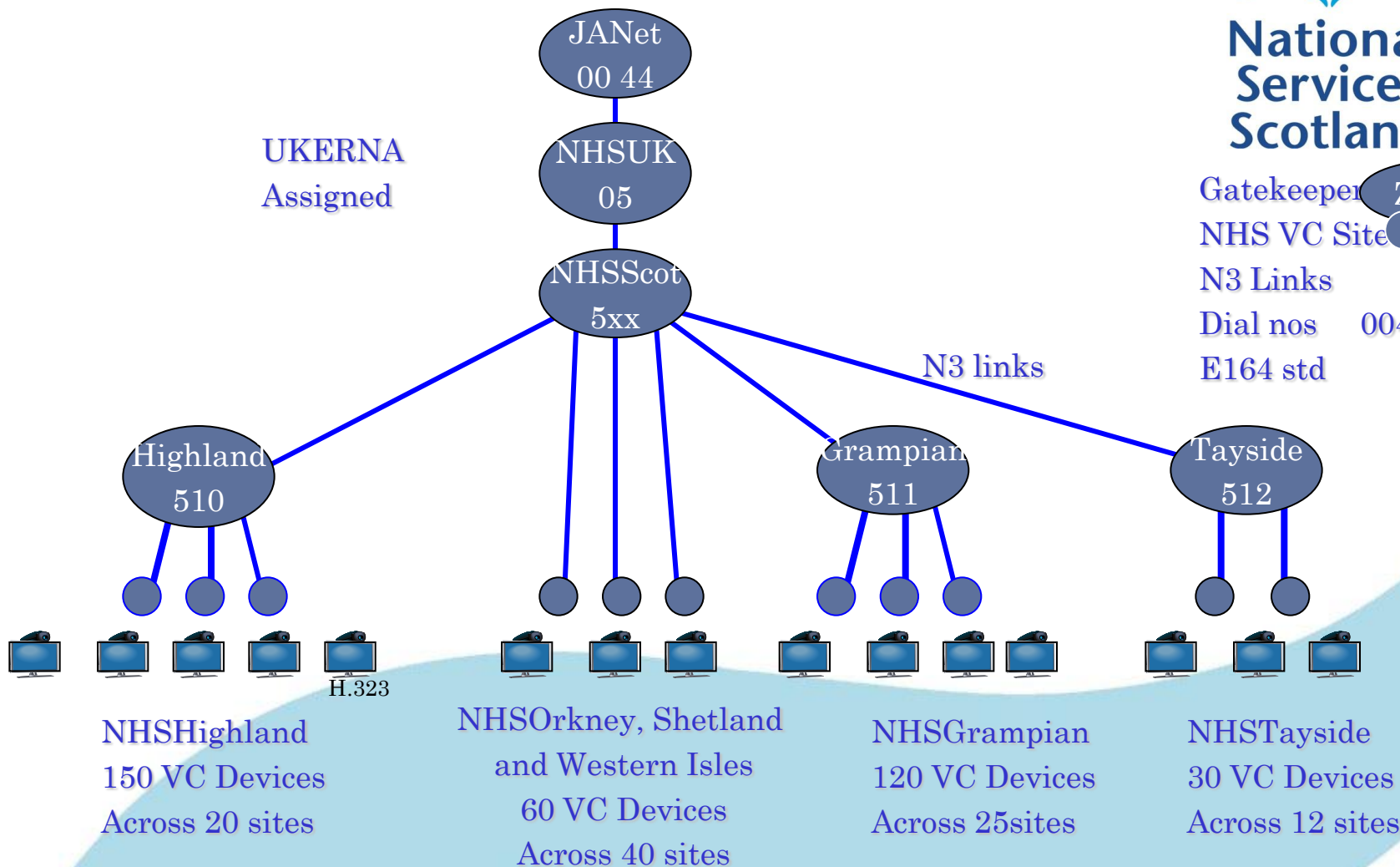
Gatekeeper Hierarchy – Pilot



National
Services
Scotland

Gatekeeper Zones
NHS VC Site
N3 Links
Dial nos 004405500x
E164 std

UKERNA
Assigned



Each VC device will have a six digit extension based on JANet standards

VC Progress

- National Gatekeeper and Management System live.
 - 692 Endpoints registered at September 12 about 100 to do
- Dial plan being rolled out to rest of Scotland.
 - Enough national gatekeeper licences
 - A further 100 TMS licences have been procured
- remote access infrastructure live in July
- On-line directory live September 2011
 - Developed by NHSHighland
- VC Project Board endorse move to shared MCU infrastructure approach

VC Progress



Health Board	Devices Jan10	Dial Code	Code	Directory Numbers
Ayr & Arran	24	513	NHSAA	32
Borders	1	514	NHSBOR	3
Dumfries & Galloway	25	515	NHSDG	25
Fife	11	516	NHSFIF	15
Forth Valley	6	517	NHSFV	3
Grampian	114	511	NHSGRA	122
Greater Glasgow & Clyde	44	518	NHSGGC	33
Highland	190	510	NHSHIG	211
Lanarkshire	9	519	NHSLAN	8
Lothian	52	520	NHSLOT	63
Orkney	31	521	NHSORK	18
Shetland	18	522	NHSSHE	10
Tayside	26	512	NHSTAY	62
Western Isles	12	523	NHSWI	1
NHS24	3	524	NHS24	7
NSS	30	525	NHSNSS	46
Scottish Ambulance Service	9	526	NHSSAS	7
Golden Jubilee Nat Hosp	3	527	NHSGJ	3
Quality Improvement Service	9	528	NHSQIS	0
National Education for Scotland	17	529	NHSNES	3
State Hospital	0	530	NHSSH	6
Health Scotland	0	521	NHSHS	1
TOTAL	593			693

Demand for VC Services

	July 11 – Sep 11	Mar 12 – June 12	Increase
VC End Points	457	668	46%
Number of conferences	4879	9604	97%
CO2 Savings (tonnes)	560	1100	97%

Growth running at 50% p.a

VC Infrastructure upgrade

- Bridging report approved by e-Health leads
 - 30CH MCU to be made available for those that subscribe.
 - To meet demand for Boards Pressure and those that currently don't have a MCU.
 - Management of this to be discussed with subscribers
- Specification agreed and Procurement underway
 - responses expected back next week
 - Additional support about original pilot SLAs

Questions?

