000

# THE EASTERN REGION INNOVATION NETWORK

# CONSULTATION & STRATEGY PAPER



# TABLE OF CONTENTS

Foreword	3
Executive Summary	4
Historical Context	5
Introduction	5
Consultation	5
Vision	6
Purpose	7
Strategy	7
Centre of Excellence	7
Innovation	7
Network Platform	7
Network Ethics Committee	8
Joint Research and Analysis	8
Research	8
Data	8
Replicable and scalable solutions	8
Best Practice Projects	8
Tactical Innovations	9
Analysis and Benefits Realisation	9
Enhanced Policing Capability	10
Resources	10
Skills Development	10
Optimisation of 7F Regional Projects	10
Innovation with the OPCC	10
Governance	10
Annual Summit	10
Oversight	10
Appendix A – Stakeholders consulted	
Appendix B – Network Platform design paper	13

#### FOREWORD (TBC)

"As the Chief Constable lead for the Eastern region; Hertfordshire, Bedfordshire, Cambridgeshire, Kent, Essex, Norfolk and Suffolk, I present our agreed strategy to work jointly to develop and optimise innovation and best practice to improve policing across our 7 forces. We will build relationships across our borders and with partner agencies, exploit opportunities and share research and best practice. By working together we will be better equipped to prepare for the future challenges of policing, modernizing and advancing our knowledge, systems and practices, underpinned by an evidence based approach. Collectively we will rally our resources, skills, data and analysis to become a centre of innovation excellence. The Network will facilitate and enable work to be undertaken utilizing the resources of individual forces giving them direction and control, resulting in effectiveness and efficiency benefits at a local level."



Charlie Hall
Chief Constable

Hertfordshire Constabulary.

#### **EXECUTIVE SUMMARY**

This proposal for taking forward the Seven Force Network has been developed by its lead Stacey Rothwell in consultation with the SRO DCO Drysdale, drawing on a consultation stage which involved reviewing key documentation and interviewing 62 key regional stakeholders including the Chief Constables, Deputy Constables, CFOs, PCCs, CEOs and Heads of Strategic Change. Those that were engaged with are listed at APPENDIX A. The findings of the consultation shown below have been used to set out a proposed vision and overall strategy, for discussion. The Network will require maximum commitment and minimal costs and resources to seek best practice and support replication with implementation guidance. This position will be reviewed once added value has been established.

#### CONSULTATION

- Change of approach From large scale shared system projects to a streamlined Network.
- Delivery of Innovation Work together to innovate across the region.
- Agile approach flexible options, nimble delivery, implementation support rather than control.
- Co-ordination Locally driven and regionally coordinated.
- Communication with ease and at pace with a repository for data and research.
- Co-operation Working together to benefit individual forces as well and the region.

#### VISION

"The Eastern Region Innovation Network will be a centre of excellence that leads on innovation and research, working jointly to test and implement transformational change at pace, harnessing and developing the expertise and skills in existence from across the region. It will promote a progressive, forward-thinking culture, embracing generational diversity, tackling the policing challenges of tomorrow. The Network will be tactically agile, operationally effective and efficient and strategically responsive."

#### STRATEGY

#### Centre of Excellence

- Regional approach to innovation
- Develop force projects with the support from the Network and region
- Have a variety of different delivery mechanisms and implementation options
- Share lessons learnt
- Avoid duplication, promote replication
- Horizon scan for future policing challenges and solutions

#### Joint Research and Analysis

- Share Data to enable one force to undertake analysis across the region
- Share Results to build evidence bases
- Seek research funding based upon replication of studies across force areas

#### Analysis and Benefit Realisation

• Capture the benefits of each intervention and share methodology for adopting forces

• Capture the efficiencies from sharing research

#### **Enhanced Policing Capability**

- Share specialist analytical and computer science skills across the region
- Develop specialist skills with innovation training events focusing on issues such as ethics and data
- Exploit the 7F Collaborated regional projects for optimal functionality
- Develop innovation within the OPCC

#### HISTORICAL CONTEXT

The 2021 Annual 7F Summit revealed members wanted a change of approach, with the 7F Alliance Regional projects entering implementation, there was little appetite to commence a new programme of works. Stakeholders wanted to move away from the approach that required all seven forces to look towards mergers of teams, joint procurement of software, centralisation of functions and systems and processes (7F Commercial Services, Chronicle, Nimbus, 5 force DAMs).

The 7F Alliance delivered many successful workstreams and created opportunities which have enabled the participating forces to work together and leverage shared IT systems and resources. And while this arrangement has brought about many benefits, with an annual cost of £1.3 million for the programme management team and further substantial investment required for individual projects, financial pressures mean we now need to focus on sustainability of service.

During the Summit it was recognised that in addition to the benefits brought about by the programmes of work, there were added benefits such as sharing best practice and being able to form a regional response to strategic issues. It was agreed that the remaining 7F Regional projects would be delivered, no new works would be commissioned, and a Network would be formed.

#### **INTRODUCTION**

This document catalogues the stakeholder consultation, vision and aims and deliverables of the Network. The paper is intended to form the basis for a discussion and a final version, once agreed by the Stakeholders will be formally presented and ratified at the forthcoming Annual Summit by the PCCs and Chief Constables.

#### CONSULTATION

The Network needs to be locally driven, enabling Chief Officers and PCCs to rapidly *communicate, co-ordinate and co-operate around developing best practice*. The Network should be an enabler and facilitator of the great works done across the region. Sharing high quality ideas, research and resources.

The 7 forces should adopt a whole system approach to identify the best practice that can be converted into scalable and replicable solutions to shared local problems, which, when implemented, bring effectiveness and efficiency benefits.

Working together will enable us to collectively minimise the risk that transformation work brings, while learning from each other and preventing duplication. We should collectively innovate with a focus on the future of policing that allows for individual forces to maintain strategic independence, recognise the challenges of collaborative work that exist and work to its strengths.

The Network will provide explicit local autonomy with a variety of different arrangements and approaches that can be tailored to meet specific police challenges including sibling force partnerships, a few forces working together for mutual benefit or full 7 force partnerships. This flexible approach could be complemented further with tailored options for individual pieces of work, enabling these projects to be broken down into component

parts with each force taking a part of the work or with one force proceeding with the entire workstream and sharing the results.

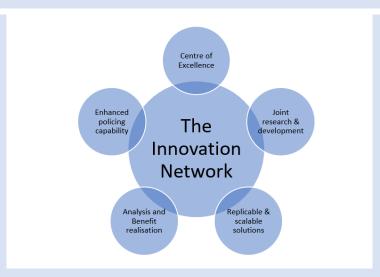
This flexible approach will facilitate autonomous decision making and fair investment of time and resource across the region. The Network needs to facilitate collective working but also support "collaborative autonomy" enabling and supporting forces to undertake work themselves.

The Network needs to act as a conduit for communication across the seven forces, acting as an enabler to help forces understand each other's priorities, providing a co-ordinated response so that we can learn more and develop solutions faster. The Network should utilise the principles of Evidence-Based policing and provide an ability to peer review interventions, working towards expanding our evidence base for interventions. The Network needs to facilitate the continuum of generational difference and culture shift internally and externally to move towards an innovation mindset.

The Network should look to explore partnerships both across the region and with our partner agencies, the private sector and academic institutions. A whole system approach is desired, to reduce harm and using big data analysis to aid decision making. The Network should also continue to work with 7 Force Commercial Services to identify opportunities to save money and develop and optimise the 7F collaborated functions once they are integrated into business as usual.

	VISION	
Communicate	Co-ordinate	Co-operate

#### INNOVATION CULTURE



"The Eastern Region Innovation Network will be a centre of excellence that leads on innovation and research, working jointly to test and implement transformational change at pace, harnessing and developing the expertise and skills in existence from across the region. It will promote a progressive, forward-thinking culture, embracing generational diversity, tackling the policing challenges of tomorrow. The Network will be tactically agile, operationally effective and efficient and strategically responsive."

Best Practice Projects Tactical Innovations

**Network Platform** 

Skills Development

#### **PURPOSE**

The Network is the new concept of future thinking for the Eastern Region forces which will provide widescale innovation, engagement and shared opportunities for all. It is not a replacement for the 7F Alliance and has been developed to provide forward progressive strategic direction for the 7 forces. The Network is the combination of all members of the 7 forces, with the Network Director providing consultation and conduction of progressive thinking.

#### **STRATEGY**

#### CENTRE OF EXCELLENCE

#### Innovation

We need to create opportunities to generate new ideas and innovation, applying entrepreneurial thinking across the region, whether it be for future challenges or in-flight projects. The Network will bring together individuals to build relationships and seek out and accelerate projects that would benefit from working together.

Duplication or replication will be identified, and the Network will follow a co-ordinated approach where it can add value. We can share our lessons learnt from this type of work, learning from each other's successes and failures, which would produce efficiencies. An example of this concept is already underway with Rapid Video Response (RVR), a project from Kent which is being replicated across the region with assistance from the Network.

The Network will also provide an evaluation function which will concisely demonstrate operational benefits, enabling Chief officers to decide if an intervention would be suitable for their force.

As a 7-force collective there is much benefit for private companies to innovate with us and this will be optimised, brokering procurement deals and negotiating no and low-cost trials of software if appropriate leveraging our scale. We will also innovate beyond policing spheres, with our public sector partners for instance with Mental Health partners seeking out opportunities to work together to tackle our challenges.

The Network will be cognisant of the 7F Alliance work and will exploit the products and systems once they have been embedded into BAU and may serve as a platform to future innovation, so that they are optimally effective and efficient across the region.

The Network will actively horizon scan, representing the 7 forces at key national innovation events, seeking out best practice from across the region and country to understand the potential problems and solutions, rapidly scoping and bringing back proposals for consideration. The Network will seek to bring together those most experienced in evidence- based policing to develop thinking around new innovation strands that forces may wish to progress locally or with a joined- up approach. Further-more the Network will be alive to national innovation and seek out best practice and draw down and implement such work, for instance from the current Policing Productivity review.

#### Network Platform

The power of the new strategy will come from our ability to rapidly respond to our challenges. Regular in-force visits by the Network Director will aid our ability to communicate and understand each other's challenges and successes. Monthly seven force meetings will also provide an ability to discuss and develop innovation. There is a need for a sustainable, informative, place where the Network can exist beyond the formal meeting structure and

in-person visits. The Network will need to provide a receptacle that allows communication for discussing forthcoming challenges, opportunities, research development and allow for the sharing of best practice.

To achieve this the Network will develop a communication portal known as the Network Platform. This communication portal will be relevant, timely and agile. It will store appropriate data and documentation and facilitate easy dissemination. The Network platform will provide insight on current and past research and a place that facilitates the sharing and building of ideas. The forum will also enable the many national leads we have across the region to work together and co-ordinate their work, which will enhance our influence and impact on national programmes and directives.

The platform, accessible by The Chief Officers, their teams and Heads of Strategic Change, and separately PCCs will be a secure place to discuss and develop opportunities to work collectively and innovate. The Platform will serve as a central hub for the Network and enhance the resilience of the Network. It will enable rapid communication on such things as commissioning, the sharing of policing challenges, the dissemination of fast time opportunities such as academic funding or opportunities to work with partners. It will host both the completed and the in-flight projects and will catalogue and store the best practice implementation guides. It will provide a place where forces can commence new projects together. Forces will be able to benefit from informality, being flexible and dip into what they want when they want. The design principles and images of a proof of concept are attached at APPENDIX B.

#### Network Ethics Committee

The Network will build a 7F Evidence-Based policing ethics committee, enabling experts and academics from across the region to come together to examine best practice projects and apply a level of scrutiny to them. The Terms of reference for this group will be built in due course. The Network will explore those forces that already have this facility locally to scope to see if the function could be shared or enhanced with joint working.

#### JOINT RESEARCH AND ANALYSIS

#### Research

Strategic research and development across the region for the benefit of the members will be central to the approach. Police Forces generally have a small evidence based policing function, as it is time consuming and expensive. To improve our chances of obtaining research funding we would work with research institutions to build research projects. This would give us the ability to shape and direct research so that it produces tangible outcomes that can be used on the frontline. By replicating and building research regionally, we will be able to build products that produce tangible results across forces with different demographics. The Network will look to explore formal partnerships with academic institutions across the region.

#### Data

The Network will encourage the sharing of data between forces and our external partners. Expanding our data sets will improve our ability to develop Evidence-Based insight. It will improve the accuracy of data analysis especially if looking to use the data for predictive analysis. One particular strength will be the ability to analyse data in such a way that it would only need to be done once across the region with individual force results efficiently produced and allowing for inter-force comparisons to be made.

#### REPLICABLE AND SCALABLE SOLUTIONS

#### **Best Practice Projects**

Best practice will be highlighted by individual forces and scoped for ease of replication across the region. If selected and approved by the 7F Chief Constables, the relevant project team will work with the Network to build

assisted implementation models and the benefits framework. These replication manuals will be built by practitioners for practitioners, containing process maps, standard operating procedures and guides on policies and governance. This along with a series of sprints to deliver the implementation guides will facilitate rapid implementation.

The relevant Chief Constable(s) will certify that the project reaches the standards for the Network (TBA) and the guide will be retained for use by any of the forces at any time. The solutions can then be tailored to meet force requirements and implemented at a time that suits them. It is proposed that the guides and sharing of them is at no cost to the adopting forces, on the condition that the intervention is not further shared and that the adopting force would promote the originating force and their product, especially in cases where there are intellectual property rights.

The Network will identify and harness proven solutions, evaluating and highlighting and translating these into operational solutions, such as RVR. There will also be a focus on pilots and proof of concepts to test models and approaches leading to more evidence- based information on which to make business decisions.

Following regional sharing, national sharing could be pursued, with the added benefit that the intervention has been tested in a local force and regionally before consideration for national roll out. The Network would look to build in the criteria from the College of Policing's new Smarter Practice within the projects which would add a level of scrutiny as increase the likelihood for national implementation.

The best practice projects will be scoped in the coming months and each force will be engaged to select which they think should be selected and developed. Any other best practice can be highlighted for inclusion both throughout the scoping exercise and continually. This table will be continually updated and kept on the Network Platform.

#### Tactical innovations

These include working practices that have been found to save money or improve working practices. This will ensure that we can quickly get the tools and best ways or working directly and quickly into the officer's hands and on the frontline. These will often have lesser impact so the rigour around testing these will be proportionate, there will be a desire to collect operational and non-operational 'quick wins' and share them. Examples found across the region already include switching from plimsoles to re-usable sliders for prisoners in custody, removing rank/role from ID cards to prevent re-printing upon promotion/change of position and examining costs associated with kit issued to probationary constables. The region will share and implement these small efficiencies optimising our ability to provide value for money for the public.

#### ANALYSIS & BENEFIT REALISATION

#### Benefits realisation

Responsibility for the delivery of best practice projects will lie with respective forces. The Network will actively seek out best practice that focuses on efficiency and effectiveness benefits, ensuring that there is an appropriate methodology to robustly quantify such benefits. A benefits realisation framework consisting of benefits identification, tracking, validation and realisation will be designed for each project and adopting forces will be encouraged to utilise these frameworks to demonstrate the tangible efficiency gains. There will be further efficiency gains of such an approach from preventing duplication of research, sharing our skills and lessons learnt across each forces' strategic change departments. This research and development time will be calculated and accounted for.

#### ENHANCED POLICING CAPABILITY

#### Resources

Many current policing challenges require specialist skills in data science, analysis and research design that are expensive and not always recruited and retained in individual forces. Rather than needing to pay for expensive external consultants with these skills, many forces are slowly moving to securing this capability in-house. The Network will identify and highlight where these specialist skills may be found across the region, creating a directory of skills and facilitating the sharing and trading of these resources when beneficial. Staff could work together and learn from each other with short-term secondments across the region to up skill staff in coding, Office 365, app building etc, creating resilience within our specialist functions, enabling us to focus on challenging technologies such as facial mapping, algorithms, machine learning and automation.

A transition has now taken place, with remaining resources completing the delivery of the 7f Alliance projects separate to the Network. The Network will be led by a small core team consisting of a Network Director and Network Manager and will mindful of its capability and ensure that it has manageable workstreams and seek support from across the region where required. Each force will utilise their own change resources to implement innovation and best practice guided by the Network with assisted implementation models.

#### Skills Development

Our innovation capability across the region will be enhanced if we develop our workforce to meet the challenges of the projects, data and technology we will face in this area of business. The Network will look to host events that add value to the upskilling of staff. The Network will bring together experts from the region both internally and externally to work together and learn. These may include potential events or learning on the "ethics of algorithms" or "How to clean your data" where experts from across the region and nationally can contribute. Opportunities to attend conferences and innovation events will be shared across the region to allow Heads of Department to determine if they would be of use in force. The Network will also work with individual forces and the College of Policing should they request attendance at any in-force innovation development days.

#### Optimisation of 7F Regional Projects

The remaining 7F Programmes under the 7f Alliance - Nimbus and five force DAMS are not yet BAU with an implementation date in late 2023. ESMCP is also underway with a delayed implementation anticipated. These legacy 7f Alliance projects have their own delivery teams and governance. ERSOU, Chronicle and 7F Commercial Services are the current BAU services to the 7 forces and also have their own governance structures. The Network will work with all of them to identify any opportunities to exploit these projects for further innovation. The Network will adopt an "innovation post-implementation" approach and highlight opportunities to share best practice, tactical optimisation and development once the projects have been delivered. The Network will work with 7 Force Commercial Services where there is an emphasis on operational changes to save money through innovation.

#### INNOVATION WITH THE OPCC

Separate to force innovation, the OPCCs across the region would like the Network to identify opportunities for the OPCCs for them to work with each other and their partner agencies to innovate. The PCCs have a desire to work cohesively, amplifying their collective voice and political influence, shaping the future of policing and improving services to the public by learning from each other and undertaking research for their own workstreams. As an example, they may wish to develop evidence bases of their own to inform their decision making in relation

to the provision or procurement of services. The Network will look to facilitate this ambition through ongoing engagement developing innovation opportunities.

#### **ANNUAL SUMMIT**

The annual Summit will also be streamlined. The agenda will allow for the separate reporting the 7F Alliance legacy projects (Nimbus/DAMs) and the BAU functions (ERSOU/7F Commercial Services) and the Eastern Region Innovation Network. The event will Chief officers and PCCs the opportunity to meet and communicate, highlighting opportunities to work together, as well as ensuring that the collaborative functions are working well. The meeting will be agile, with papers being circulated in advance, with no need to pre-meet. It is requested that this strategy and vision is ratified at the 2022 Summit.

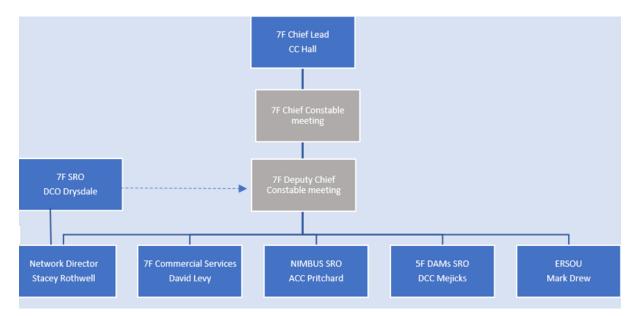
#### **GOVERNANCE**

#### Oversight

The Chief Constables will champion innovation and drive delivery of operational innovation projects within their respective forces, identifying resources and harnessing support when required. The Deputy Chief Constables will be actively involved in the development of the Network, supporting proposals to the Chief Constables. The 7FCC and 7FDCC meetings will provide oversight of the Network and the 7F Alliance projects and functions. An Innovation Development Board and commissioning process will be created to feed the 7FDCC meeting. A Tactical Delivery Plan will also be developed. Facilitating an agile approach, decisions can be made outside of formal meeting structures and be ratified later. The PCCs, CEOs and CFOs will have a different involvement in the Network than was required for the 7f Alliance, with less of a need to scrutinise large investments in complex projects, as the work of the Network will be focussed on providing a service to share operational best practice.

Continual communication will be provided by the Network to all senior stakeholders, with regular updates and consultation throughout the year.

The following shematic shows the governance framework for the collective regional functions that are already in BAU (or near completion) alongside the work of the Network, reporting to the 7F SRO and Chief Constable Lead.



FORCE	CONSULTED	RANK/ROLE
BEDFORDSHIRE	1. TREVOR RODENHURST 2. DAN VAJZOVIC 3. PHIL WELLS 4. AUDREY CAMPBELL 5. FESTUS AKINBUSOYE* 6. ANNA VILLETTE*	CHIEF CONSTABLE DEPUTY CHIEF CONSTABLE ASSISTANT CHIEF OFFICER HEAD OF CHANGE POLICE AND CRIME COMMISSIONER CHIEF EXECUTIVE OFFICER
CAMBRIDGESHIRE	7. NICK DEAN 8. JANE GYFORD 9. DARYLL PRESTON 10. JIM HAYLETT* 11. JON LEE 12. ROB HALL 13. JAMES SUTHERLAND 14. NEIL STACEY	CHIEF CONSTABLE DEPUTY CHIEF CONSTABLE POLICE AND CRIME COMMISSIONER CHIEF EXECUTIVE OFFICER CFO (CC) HEAD OF STRATEGIC CHANGE REGIONAL – POLICE UPLIFT PROGRAMME HEAD OF PERFORMANCE (& REGIONAL SPOC)
ESSEX	15. CC HARRINGTON 16. DCC PROPHET 17. MARK GILMARTIN 18. DEBBIE MARTIN 19. PIPPA BRENT-ISHERWOOD 20. ROGER HIRST 21. JANE GARDNER 22. JANET PERRY 23. MORGAN CRONIN 24. DARREN HORSMAN 25. GREG MIDDLETON 26. SUZANNE HARRIS 27. MARK JOHNSON	CHIEF CONSTABLE DEPUTY CHIEF CONSTABLE ASSISTANT CHIEF OFFICER CHIEF FINANCIAL OFFICER (CC) CHIEF EXECUTIVE OFFICER POLICE /FIRE CRIME COMMISSIONER DEPUTY POLICE/ FIRE CRIME COMMISSIONER CHIEF FINANCIAL OFFICER (CFO) HEAD OF STRATEGIC CHANGE STRATEGIC HEAD OF POLICY (PFCC) STRATEGIC HEAD OF PARTNERSHIPS (PFCC) HEAD OF PERFORMANCE (PFCC) HEAD OF RESEARCH AND ANALYSIS
HERTFORDSHIRE	28. CHARLIE HALL 29. BILL JEPSON 30. ZOE RICHARDSON 31. SUE PENN 32. DAVID LLOYD 33. CHRIS BRACE 34. JAMES COOK 35. CAT HEMMINGS	CHIEF CONSTABLE DEPUTY CHIEF CONSTABLE EA NPCC REGIONAL AND OPS COMMITTEE HEAD OF TRANSFORMATION POLICE AND CRIME COMMISSIONER CHIEF EXECUTIVE OFFICER CHIEF FINANCIAL OFFICER (CC) BCH HEAD OF TRANSFORMATION
KENT	36. TIM SMITH 37. ADRIAN HARPER 38. ROBERT PHILLIPS 39. CONRAD MOORE 40. GARY BEAUTRIDGE 41. MATTHEW SCOTT 42. JONATHAN CASTLE1.	DEPUTY CHIEF CONSTABLE CHIEF EXECUTIVE OFFICER CHIEF FINANCIAL OFFICER (PCC) HEAD OF CHANGE TEAM HEAD OF CORPORATE SERVICES POLICE AND CRIME COMISSIONER CHIEF FINANCIAL OFFICER (CC)
NORFOLK	43. PAUL SANFORD 44. SIMON MEGICKS 45. HUGH ZABEL 46. MARK STOKES* 47. RALPH JACKMAN 48. GILES ORPEN-SMELLIE 49. JILL PENN	CHIEF CONSTABLE DEPUTY CHIEF CONSTABLE HEAD OF CHANGE (NORFOLK & SUFFOLK) CHIEF EXECUTIVE OFFICER DIRECTOR OF DELIVERY UNIT POLICE AND CRIME COMMISSIONER CHIEF FINANCE OFFICER (PCC)
SUFFOLK	50. RACHEL KEARTON 51. FIONA HENDERSON 52. DAVID SKEVINGTON	DEPUTY CHIEF CONSTABLE HEAD OF INNOVATION CHIEF OF STAFF

	53. TIM PASSMORE	POLICE AND CRIME COMMISSIONER
	54. COLLETTE BATSON	CHIEF FINANCIAL OFFICER (PCC)
	55. CHRISTOPHER JACKSON*	CHIEF EXECUTIVE OFFICER
	56. KENNETH KILPATRICK	ASSISTANT CHIEF OFFICER
7F COMMERCIAL	57. DAVID LEVY	HEAD OF 7F PROCUREMENT
SERVICES	58. ESTHER BEAUMONT	HEAD OF CATEGORY MANAGEMENT
	59. SIMON FENNING	HEAD OF SRM
7F REGIONAL	60. KATIE ELLIOTT*	T/CHIEF SUPERINTENDENT (NOT IN ROLE)
PROJECTS	61. DAVID ALEXANDER	PROGRAMME MANAGER
	62. TRACEY PEMBERTON	T/C/ SUPT - BUSINESS/BENEFITS LEAD

<sup>\*</sup>Denotes virtual meeting as opposed to face to face,

#### APPENDIX B

#### **DESIGN PRINCIPLES**

- Designed & built for the future Innovative and change agile
- Regionally accessible Chief and SLT and PCC
- Scalable from local to regional to national
- Easy to maintain
- Functional easy to upload/download/share
- Educational, inspirational, interactive, intuitive
- Operationally and strategically agile
- Focus on collaboration co-operative approach and building a Networked approach
- High quality input & output
- Communication tool
- Engraining and enhancing our understanding of generational diversity
- Self-propelling everyone to invest and contribute to content

# NETWORK PLATFORM DESIGN



#### **RESEARCH SECTION**





#### Research evaluation

- Rated by experts for use by officers (quality of research/external validity & applicability/ease of replication)

  Ongoing Research
- Academic opportunities/collaboration
- Data sharing

#### Completed research

• Variety of analysis accepted (raw data/exec summary/academic papers/thesis)

#### Futures section - Horizon scanning

- Events/topics (facial mapping/fraud etc)/strategic policing requirements
- Whiteboards inviting ideas on a topic directed by the DCCs monthly/when required

#### Opportunities section

- Adverts to seek support/training
- Contact an expert volunteer academics and private partners that offer advice

### SOLUTIONS - "OFF THE SHELF" PRODUCTS



#### Best practice implementation guides

- Built in-force and accredited by Chief Constables as Best Practice
- RVR/ OP Moonshot etc

#### **Tactical Innovations**

• Entry card /stab vest savings etc

#### Ways of working

- Innovative operational/tactical/strategic
- Simple aide memoire or Standard operating procedure

#### Resources

- Skill sets directory Project management /data science/analysis/experimental/ implementation/benefits
- Software
- Hardware and equipment
- Innovation events skill building

#### INNOVATION COMMUNICATION HUBS



#### 7F Programmes – innovation and exploitation

- Commercial services
- Nimbus
- DAMS
- ERSOU
- Chronicle

#### PCC Hub

- Procurement
- Finance
- Political challenges

#### External partner Hub

- Health
- Education
- Local authority
- Fire Service
- HMCTS
- Probation Service
- CoP
- Private industry

#### **Communication Portal**

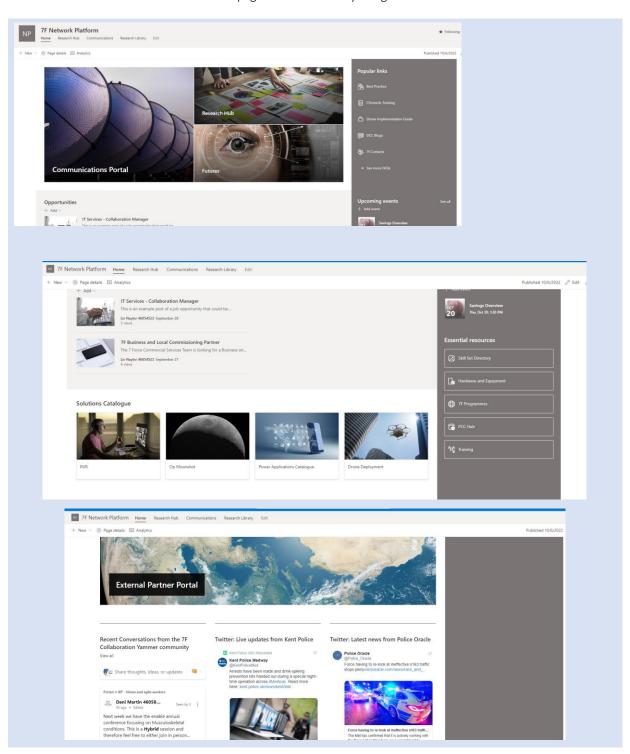
- Network SPOCs
- Chief officers able to pose questions re challenges/research availability
- National innovation news
- PCCs communication portal

# NETWORK PLATFORM – MINIMUM VIABLE PRODUCT

The platform has now been built, content will be added in due course and it will be iteratively improved with feedback from the stakeholders. The screen shots below show the platform.

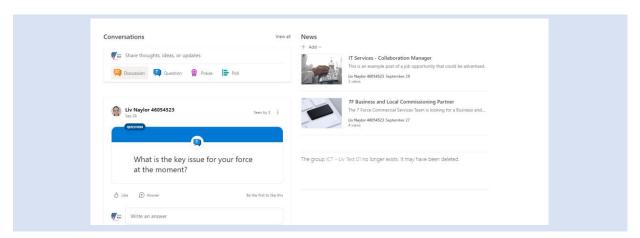
#### **HOME SCREEN**

These three screen shots show the home page and functionality design.



#### COMMUNICATION PORTAL

This shows the communication portal with a Yammer page and would have a whiteboard function inbuilt.



# RESEARCH HUB

This would be the storage location for the research and data.