A

**Decision time …**

SVGFL BCSLU JGEXA LYOHA EXMOG RMXSO MACSM MHPCI OQEAO WJOUY EODDP LULLZ HASAX PZJSF LDOQK QJDBZ YHGGG CHVFX TFXPN MKCVH EAQJU LHAWB TFXPV XRDSR AZANV HYMXP PSMUJ OEXAL EKPLX PHAWB XZVUQ ZJJJB LZDFK SHAHA YGGVI XFPCF VDGFP LNNLU LVMUL BUIIX SBGNE XWBIX BPRCS BIOAL MIZXX ZVUJG CSLBC IPCYC HAOGH LZTJO OBKPC SRIDR WBDBS VAZDF SIMUJ OHAWB KPSOG VIXAZ PIMAG CLGEX WQLUL VMULB OQXZN MBMQH OCZCM JNHHA WAFXF JSRAD IFDRG ULUUG WBSBX DHLRC IFFXG ATAHA MWEAV XNDEX GKFJX PJNDR JODRA HCGAZ LVMUL BOQBZ WBTAD RVXYI WQYNC SLGDE CSZCX ZLZDJ GRIXB ZWBRH OQVXW UNMAZ OQACU GCRYT DRCAY KXYHR MZIOK QNCIX EXHAO CXDYV YIMEL UEXHA OCXDY VPLMU SNAPQ VMKFJ RIKUC WHBPF JTCHW BHAMW JDOBA ZLZVX KRSAO CSRXZ LZDJQ IDRYI EOXGU GEKJI KLCSV UCWTF GGUDD SMJCW EQJBY KREAD DRPFL UALGC BZALK RQZCS IAIXR BTEIX LZHRW QRSCS JNDRB DDRYI JOAZL ZXZDH JBNDC FSINS CWCIP IMAHA YGGVI XFPCF ZCDRG ULUUG WBWAI XIXMJ YOJBU LEOQR UOIAJ ODREX JTPSW BMINN LBJOM JLBWG DJSOM AKOZX NFLZO WVKUC GNACB COCJI ANUOR BLGDR ONGNV LULWA YKXYN DYITX JJJBR BPFUN IODBL ULZMA ANKYQ ESRMI BDGGU DZGMX KDIKN NYWAZ SNHAM WVXMG QIJTV HCIGF SVULU OAPWA OQIBV NAGKR JVBZY HALJJ PTHAW BFLNN SMLYC SLBCI BZGFJ VULCH WBHAY TUULA WBCSR SXDQW NVYKX YDFRB ZWGFW GMMKR CFYTG GRLAN KRAUS AANRI DRSJC SLBCI RIXZX WSCMJ EKXZR IDRDB FJJOA NNJGF PLJOD RSCTV PLULL ZGCYY ALGGR LOQOQ GCJIW UWLAN IFDRQ DYHVL HAEXM PEPIO KDYOZ KQIPL JBEXA LLXXJ DRDJA LYHMJ FJDRG FBMCO YKDVH AWBHA MWEAV XGGRL EXYMB DMAYT JJJBT VMPDR SJCSL BCIRI XZZCJ JMMYK XYNDH AKDVX CGHAX DGATA DRMRI KBZRI DRKPG CKGQH OCZKQ IVDCF PLDJU LXPJO MINNH CWBNS QVKCX YEAQJ ULZJH AVXWB CFAZL ZNDWU MUCJE OFJJT ULHAS OUPIX HLZCF JVNMJ VHLUH AMWEA VXCIG FSVEX ERADE OMUHA EXQBW ALZVX DHDBL BCIHA SOMAB JXRWB VNDVP LHAEX OHDRI SCFWW TFJVS MACLU IXSRC WPPXZ BIMRS CGDEA VXGGR LEXYM JODRW UBQYC MIVYY TEACF WTMXA LGMMX QIANR VPFDH DBPLU LKRYI XPGHA ZOPIX UCTFL ZOQAC MUHAW BFLNN SMZBI XGRKH EXMPO GCSJH ZXZHC ISASM OWKXQ HALCN IXXZP ZDHAA VXEON NDJIK XGSOL MGNHA SAYIW DOPIX ILYKD BEAQJ ULIBG CKGBZ SRTRK XMINN QLSCM JEKCI VCIOU UCGQI YNCSB PSCVL RRQRC SXJXZ TKGIJ OHASB IOBIA YALKR ACBCO CJIAN UOGUL UUGWB YGQZE XZVLO AZHAM WEAVX EXALE KJIAU YTAVL ZHOSB GFQVA DWBWM WADRL UAYAL KRACB COCJI ANUOS AVLHP JBIXQ VPVKX QHCSM GANHN CDSOX MEPQM KCCIZ KKPUL MUJOE XCHUG TADRW UJOCF LZZZM AKOZX OWPLU LIACI DJZJX KAZEO CISIV XJVHA WBVLK RYMBP HAWYA NUBQW EQXJA LFXGN NDJGK EEXCY RRHOQ ICFUO HAMWE AVXYY SBEXQ OYNIO IKSWU LKRVS DREOF EYIVX BZXPH PTLCF ZCCSU SWBGF USGCR ZJDKX QRIXW QLUXZ XNSBX WSCMJ EKANN JGFPL RZLUI XCJCI BCWBM IHVDR HVADE QJBRB NMMRS CGDHA MWEAV XUOLG MKXEK YWWQC LZVXK RSAYT DRJHJ TJOEK HPFED RIAQB KRVLS ACSNN JVIAS RSOXM CEQES RDRBJ KPXZT OOPMJ KHAZR BLTPF DHDBP LULKR YIXPB ZJTKX MINNR RMASB GIJOH AYKUN EOMUU LIXCS LBCIR IDRNP LUSCC FDBNU ZRKSR ZIAJB WBUUL AWBKD OQAZQ JHOUY SVCHU GJJNN NDZCI XGGZW PPYKX YXZXP FJRIQ ZDRCF DFFED RHOOT SOHNB QADHN NNJTJ VEOMU OPOBW GZXYC WBHAQ IMRHR OWJTW QYIEO DDPLU LANRV QHCFH AKQTI MIYCL BSMRR ULYMX PPSMU JOQWP LULEX HASAM ZDRVX HAMWB ZAGBZ RIEPO PIXWO SBBPR XJTCI KXADE XZVLO UUCFZ PQHCF HAOCT EKZWG DIADV XFJRX DJSOA LYHMJ FJEAV XANCJ DHYKS RGFWG DBLUE AVXNQ YKUNP LJOQZ DRNTK XQRGE BQADH NNNJT JVRBL GDRGU LUUGW BQIMA KQTFW BAGDB BZJIK DZRPW AZLZO QCFMI FBQHO BCIBC ANDBL UHAWA FXFJK HIXWB MIHVO QJTHH EXWBA ZHAWN KZMIX DHBPF PLXPQ YIXAZ SAHBD VAZSC ULYMH AIXBZ BJLGM UJOEB GNHAU UUVAD LAKEI XQYIX IXYTK PAZEA VLAOV LUJXZ ZCDRV XGCEX EOFED RGULU UGWBS OULPL RZAZL ZKHIX WBWAA LNVAL YHMJF JANTO MRSCG DNPLU EXQOY MXPPS MUJOB ZBJLG MUJOV LHPJB IXYSO QHAXD YVRPG CLGEX MMKRV SQZDR FIULM JEXYY RIKUA LYHMJ FJZTB PJBHA OCJOI XDHWA ZRSRE AEYAN JKADS CMACF ZCFXG ATAHA WBDRY IQYAD EQJBK SHAHA UULXL ZZZYK DVGRW AOQVL TKFXZ XJBAG DBBZJ IOCDL YTPFQ CHASB FXTFE AKSJI VNLUL VMULB UIALX MADCS FWQIY KFBQI IBHAO CXDYV APCSL UGCLG EXCIU USRYX MXSBZ RSWRI DRRCQ WWFWB WQZCD RKPOG JBSCY TCGEX KWXZZ CDRMR IKVHS RDRCN VXBJV XRISF YKRCS OXDKG HAUUU CCOAY TAOQM OHDAP OCWDQ ZGCEQ JBOAV XIBAN QVRBL GLZJJ BZPIM AHAQI MRHRO WJTAN HRRRK RLBQI LXZCX ZPLSR DRNDE MNFIB HAWAK EHAMW XZXPH ASACI HNTLG FPLBD PLMUK SHAHA SOEPF JKXQH GROQN DCFMZ CFRRI KHRJB WUNTQ IIBHA QVOBK QJOAQ XPZJC IBCIX DRWUU DJKEX HRJDX RHAEX UNQJH BTFRI QZDRG POGAL GGUDD SOCWL IOIAR CQVAD HAQIM RHROW JTFLN NSMNR FBALY HMJFJ LZACR SVXKG HAOCB QADGC PLULA LGGUD JKHPS FHAWA KDHAO CPFRS GFCFT XGFMJ QIWDQ IQYCS YYDJZ JXKMI NNLUJ HADJV JJTOC FDFSI MUJOO SGFPL BDQJH BGFAN UOULH LPTAC BCOCJ IANUO OWMUP FWQLU JJINS AMVOB ALUCJ ODREA BTIXC SJIBJ LGIBO QSVUU YTAQB DQRYT DREMH AADAL KCSEQ ZACMZ UGMIY COQAD LZVNB DQRAN UOJHL BYAAL RBFBA ZHAQI MRHRO WJTLZ HOQZS OZCDR KBCFU OHAGR AYVTK MLBNF JGMXM JDFSI MUJOS RQMYT VXKRH OQZSO PLULL VMULB EZYHL ZGCYY ACVXH AOCDV LZZJW UUDVU LMQIM GOQDR JXQZD RQDYH LZLXI FWMQI DRANN JGFPL NNWTI KRIOG ADMOA LTADR GULUU GWBCS LULZW UBDNT VXEXL VMULB OQJDY YTOCS HAANH RHAEX OHDRC AULDH DJAZH AQIMR HROWJ TLZFJ VDGFP LHIGI JODRX ZQCIX WUJIS OPLXP RPHOQ ICFPL JBALO QWOCW LDGVI XRBNM WBQWE PFJKX MINNL TWWJB HAWBH AMWTF AZAZL ZCIZC DRHLC ILBTF RBLGD RNDXZ DHYKP FVSUU LAWBQ ILXDO OGHAK DAYMG QIPLU LDFEA YMFVR CUGSN EADFA LKSJI ZRDJY TDRPJ OBANP PGRMX CSVXK RSVAN UOIBN QEXCY JBDFY VHAQI MRHRO WJTAN HRRRW UJIIL ADWBA DIABD OPIXK RGCTT PFHHO SANYP QWHNV XDVEA SMUND BNHCJ CSRCY TQZPF UOHAY TUULA WBYTG FWGRR ULHAK QHAIX XZLUS NEADF HAWBE AKREO BPYWE QJIEX KJSCM JEKAN NJGFP LVLDJ YTDRS RADYO MZSXL BKXDR VXSAV LVXOQ ULRBL GDRZQ KGMRH ROWJT LZYYS BHAUU KRQHC SLUOP IXSJC SEOJO IOOBC FUOKS DOQIC IIADF JOSTO GCHWB UCGNJ JPTLX PLHAE XMOCF IKRIS FCSTZ ALTAJ JEOXG LBTFH AKQXY JDAPM ITFPP KE

### Correct Answer

CHARLIE AND TRINITY,

I THINK WE HAVE COME AS CLOSE AS WE CAN TO A SOLUTION TO THIS VERY ODD CASE OF A DEAD WOMAN WHO NEVER DIED, A WEAPON THAT NEVER EXISTED AND A GOVERNMENT INITIATIVE THAT HAD NOTHING TO DO WITH THE GOVERNMENT.

MARTIN AND JAMELIA WERE PUT IN A TERRIBLE POSITION, I HADN’T REALISED JUST HOW BAD UNTIL I READ THE ATTACHED DOCUMENT THAT I RECOVERED FROM MARTIN’S AND JAMELIA ’S HARD DRIVE. IT TELLS THE WHOLE STORY.

THE SYNDICATE PROBABLY THOUGHT THEY WERE BEING CLEVER WHEN THEY FAKED JAMELIA’S DEATH. THERE WAS A CLEAR THREAT THAT ONCE HER “DEATH” WAS RECORDED AS SUICIDE THEY COULD DISPOSE OF HER IN THEIR OWN WAY AND IN THEIR OWN TIME IF SHE FAILED TO COOPERATE. WHAT THEY FAILED TO REALISE IS THAT ONCE SHE WAS OFFICIALLY DEAD NO ONE WOULD BE LOOKING OUT FOR HER AND IT MADE IT A LOT EASIER FOR HER TO DISAPPEAR WHEN SHE WANTED TO. HAVING BEEN CUT LOOSE FROM THE GOVERNMENT THE SYNDICATE WERE RELYING ON SOURCES IN THE INTERNATIONAL INTELLIGENCE COMMUNITY TO CARRY OUT SURVEILLANCE FOR THEM BUT NO-ONE WOULD BE WATCHING FOR A GHOST AND TOO MANY QUESTIONS WOULD HAVE BEEN ASKED IF THEY REQUESTED A SEARCH ONCE SHE WAS OFFICIALLY DEAD.

I THINK THAT DYNAMIX REALISED EARLY ON WHAT THE TEMPLATE APPROACH COULD DO FOR LARGE SCALE NETWORK ANALYSIS, AND THEY REALISED THAT JAMELIA HAD THE TALENT (AND MARTIN THE AMBITION) TO MAKE IT WORK. AS A SMALL COMPANY THEY HAD NOTHING TO LOSE BY INVESTING IN IT, BUT WHEN CITADELLE HEARD RUMOURS THAT THEY WERE WORKING ON SOMETHING BIG THEY REALISED THAT THIS COULD BE THE BREAKTHROUGH THEY NEEDED. THEIR MASSIVE INVESTMENT IN CONVENTIONAL BATTLEFIELD WEAPONRY THREATENED TO BECOME OBSOLETE ON THE CYBER BATTLEFIELD AND THEY WERE SEARCHING FOR SOMETHING NEW TO REVITALISE THE COMPANY. AT FIRST I THINK THEY GENUINELY MISUNDERSTOOD WHAT DYNAMIX WERE WORKING ON. THE CONFUSION BETWEEN GRAVITY WAVES AND GRAVITATIONAL WAVES LED EVERYONE TO ASSUME THAT DYNAMIX WERE HOPING TO WEAPONIZE SEISMIC ACTIVITY, PERHAPS VIA A RESONANCE EFFECT, BUT THIS WAS NEVER ABOUT A WEAPON OF MASS DESTRUCTION AS JAMELIA’S EXPOSE MAKES CLEAR.

I AM NOT SURE AT WHAT POINT THE POST DIGITAL SURVEILLANCE SYNDICATE GOT INVOLVED. THEY WERE INITIALLY SET UP TO PREPARE FOR A TIME WHEN DIGITAL SURVEILLANCE IS NO LONGER EFFECTIVE: A QUANTUM TECHNOLOGIES ENVIRONMENT IN WHICH THE CONTENT OF COMMUNICATIONS IS ENCRYPTED SO SECURELY THAT NO ALGORITHM CAN CRACK IT WITHOUT BETRAYING ITS PRESENCE. THEY WERE KEEPING A CLOSE EYE ON ALL THE SOFTWARE DEVELOPMENT TEAMS AT ARMS MANUFACTURERS AND HAD KEPT JAMELIA AND MARTIN UNDER OBSERVATION WHEN WORKING FOR DYNAMIX. THEY WERE CERTAINLY QUICK TO REALISE THE POTENTIAL OF THE SIGNAL NOISE ANALYSIS TECHNIQUES THE PAIR HAD DEVELOPED FOR GRAVITATIONAL WAVE DETECTION. AT SOME POINT THOUGH SOMEONE REALISED THE FUNDAMENTAL FLAW IN USING A TEMPLATE BASED APPROACH, WHICH IN A BETTER WORLD WOULD HAVE LED TO THE END OF THE PROJECT. UNFORTUNATELY SOME EVIL GENIUS AT THE SYNDICATE SAW A SOLUTION, AND, GIVEN THE OBVIOUS LIMITS ON GOVERNMENT ACTION IN THIS SPHERE, THEY DECIDED TO LEVERAGE PRIVATE SECTOR INVOLVEMENT. GIVEN THEIR HUNGER FOR RELEVANCE CITADELLE WERE AN OBVIOUS TARGET AND WERE BROUGHT INTO THE PICTURE. UNFORTUNATELY FOR THE SYNDICATE, SOMEONE AT CITADELLE BLABBED TO A SENIOR CIVIL SERVANT AND THE WHOLE OPERATION WAS TERMINATED. THE JUNIOR OPERATIVES WERE DISPERSED AMONG OTHER DEPARTMENTS BUT THE MAJOR PLAYERS WERE RETIRED. WE NOW KNOW THAT THE REMAINS OF THE SYNDICATE CONTINUED TO OPERATE WITH CITADELLE AND DYNAMIX FUNDING, A GOVERNMENT DEPARTMENT NO LONGER.

I WAS THROWN BY MARTIN’S CALL TO THE PHONE LINKED TO CITADELLE DURING THE INTERVIEW LAST WEEK AND FOR A MOMENT THOUGHT THAT HE WAS WORKING WITH THEM, BUT OF COURSE HE WAS NOT PHONING CITADELLE, IF WE TRACK THE PHONE WE WILL FIND JAMELIA. WITH NO REAL RESOURCES OF THEIR OWN SHE AND MARTIN SEEMS TO HAVE PLAYED THE BLACK HATS AT THEIR OWN GAME, TAKING WHAT THEY NEED AS THEY PREPARED TO DOUBLE CROSS THEM.

YOU MIGHT ASK WHY SHE IS NOT MAKING MORE OF AN EFFORT TO HIDE FROM THE SYNDICATE AND ITS ALLIES, BUT THAT IS THE BEAUTY OF THE WAY THEY HAVE THIS SET UP. MARTIN’S TIME WITH THE COLLECTIVE HAS BEEN SPENT SEEDING COPIES OF THE FILE ONTO EVERY SERVER HE COULD FIND. IF ANYTHING HAPPENED TO THEM NOW IT WOULD BE IMPOSSIBLE FOR THE SYNDICATE, DYNAMIX OR CITADELLE TO SUPPRESS THE INFORMATION. IT WOULD FLOOD THE WEB. THEIR APPARENT CARELESSNESS (WEAK ENCRYPTION AND POORLY HIDDEN DOCUMENTS, MARTIN’S APPEARANCE ON BANK SURVEILLANCE CAMERAS AND HIS VISIBILITY ON THE WEB) WERE ALL PART OF A SCHEME TO ENSURE THE AUTHORITIES GOT SUSPICIOUS. A SORT OF INSURANCE POLICY. IT FORCED THE SYNDICATE TO PROTECT THEM, HENCE THE HIGH QUALITY TRAVEL DOCUMENTS.

TO GET REAL PROTECTION JAMELIA HAD TO MAKE SURE THEIR STORY COULDN’T BE SQUASHED SO THEY HAD TO BUY TIME. SHE AND MARTIN AGREED TO WORK WITH THE SYNDICATE AND TO CONSPIRE IN JAMELIA’S FAKED DEATH, AND I THINK THEY CONVINCED THE SYNDICATE TO LET MARTIN JOIN THE HACKER COLLECTIVE BY PRESENTING IT AS A GOOD COVER FOR DATA COLLECTION, ARGUING THAT THEY NEEDED TO SET THE BASELINE FOR THE BEHAVIOURAL TEMPLATES.

BUT NOW THE BIG QUESTION. DO WE GO PUBLIC? IF WE DO IT WILL LANCE THE BOIL AND WE HAVE A REAL CHANCE OF BRINGING DOWN THE SYNDICATE AND ITS COLLABORATORS IN SEVERAL MAJOR ARMS MANUFACTURERS. WE MIGHT ALSO BE ABLE TO TRACE THE TEMPLATE TARGETS. ON THE OTHER HAND IF WE DO THAT WE ALSO RISK KILLING JAMELIA AND MARTIN. ONCE THE STORY IS PUBLIC THERE IS NO REASON FOR THE PDS SYNDICATE TO KEEP THEM ALIVE, AND EVERY REASON TO SILENCE WITNESSES. I DON’T KNOW WHAT YOU THINK, BUT I THINK WE NEED TO DEAL WITH THIS OFFLINE. THE OLD FASHIONED WAY.

B

**You can’t make an omelette without breaking eggs**

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### Correct Answer

IF YOU ARE READING THIS, THEN I MAY BE DEAD. AGAIN. KILLED, TWICE NOW, BY THE POST DIGITAL SURVEILLANCE SYNDICATE. IF I AM STILL ALIVE THEN YOU MAY BE MY ONLY HOPE. IF THEY HAVE KILLED ME THEN THIS LETTER WILL HAVE BEEN DISTRIBUTED IN UNENCRYPTED FORM TO ALL THE SOCIAL MEDIA SITES AND ALL THE NEWS AGENCIES IN THE WORLD. THEIR NAME WILL BE KNOWN TO EVERYONE, AND THE STORY OF WHAT THEY TRIED TO DO WILL BE HEADLINE NEWS. IF NOT THEN MY HOPE IS THAT YOU WILL KEEP THIS QUIET FOR NOW, FOR YOUR SAKE AS WELL AS FOR MINE.

MY NAME IS JAMELIA DALMAR AND I AM PARTLY RESPONSIBLE FOR THIS MESS. THIS LETTER IS MY ATTEMPT TO EXPLAIN MY ROLE IN WHAT HAPPENED, IN THE HOPE THAT NOTHING LIKE IT WILL EVER HAPPEN AGAIN.

THE SYNDICATE WAS A GOVERNMENT INITIATIVE TO PREPARE FOR A WORLD IN WHICH ENCRYPTION WILL BE SO SECURE THAT NO-ONE CAN CRACK IT. THAT WORLD IS ALMOST HERE AND THE QUANTUM TECHNOLOGY REVOLUTION IS LIKELY TO GIVE BIRTH TO IT SOON. IF NOTHING CHANGES PRIVACY WILL BE ABSOLUTE AND SO WILL SECRECY; HOW YOU FEEL ABOUT THAT DEPENDS A LOT ON WHO YOU ARE AND WHO YOU THINK HAS MOST TO GAIN.

I WAS NEUTRAL, BUT WHEN MY FRIEND MARTIN SUGGESTED THAT WE COULD ADAPT SOME OF THE TECHNOLOGY WE DEVELOPED FOR THE LIGO PROJECT I WAS EXCITED AT THE POSSIBILITIES. OUR PLAN WAS TO BUILD BEHAVIOURAL TEMPLATE FILTERS TO TRACK GROUP ACTIVITIES ON THE WEB. ORIGINALLY WE HOPED TO MODEL THE SPREAD OF IDEAS. MARTIN WAS INTERESTED IN THE MARKETING ANGLE AND SAW IT AS A WAY OF SELLING PRODUCTS BY UNDERSTANDING HOW MEMES PROPAGATE. I WAS MORE INTERESTED IN UNDERSTANDING HOW POLITICAL IDEAS SPREAD THROUGH A POPULATION. IT WAS A MILLION MILES FROM OUR REAL AREAS OF EXPERTISE AND I SHOULD HAVE REALISED THE DANGERS MUCH EARLIER. THE WAR-GAMES DEPARTMENT AT DYNAMIX SAW THE POTENTIAL FOR THIS TOOL TO BE USED AS A TWENTY FIRST CENTURY VERSION OF SIGINT, ALLOWING INTELLIGENCE AGENCIES AND GOVERNMENTS TO TRACK SMALL GROUP ACTIVITIES BY MATCHING ONLINE BEHAVIOUR TO KNOWN TEMPLATES. SMALL GROUPS INCLUDING TERRORIST CELLS.

THE PDS SYNDICATE HAD AGENTS AT JUST ABOUT EVERY ARMS MANUFACTURER IN THE WEST, INCLUDING DYNAMIX. WHEN THEY BECAME AWARE OF OUR WORK THEY ARRANGED FOR DYNAMIX TO RECRUIT US ON THEIR INTERN SCHEME. IT WAS AN AMAZING TIME. WE HAD EVERY RESOURCE WE COULD WANT AND, AT FIRST, THE FREEDOM TO DO WHAT WE WANTED. GENTLY THEY BROUGHT US ROUND TO WORKING ON SMALL GROUP DYNAMIC TRACKING AND, FOLLOWING SOME OF THE RECENT TRAGEDIES, I WORKED OUT FOR MYSELF THE POTENTIAL OF OUR SOFTWARE TO DETECT AND PREVENT TERRORISM. BUT WE NEEDED DATA. WE CALLED IT THE TEMP BANK, A DATABASE OF BEHAVIOURAL TEMPLATES WHICH WE WOULD USE TO MATCH AGAINST LIVE ONLINE TRAFFIC TO HIGHLIGHT AREAS OF INTEREST. NO-ONE HAD EVER WORKED ON THIS SORT OF PATTERN BASED TRACKING BEFORE SO WE HAD NO DATA ON WHICH TO BASE THE TEMPLATES MODELLING COMMUNICATION PATTERNS BETWEEN MEMBERS OF A TERRORIST GROUP. WITHOUT THE TEMPLATES IT WAS IMPOSSIBLE TO CARRY OUT REAL TIME MONITORING AS THE DATA RATE WAS FAR TOO HIGH FOR LIVE ANALYSIS. I RAISED MY CONCERNS WITH THE HEAD OF RESEARCH AT DYNAMIX AND THAT WAS WHEN I WAS INTRODUCED TO SOMEONE FROM THE SYNDICATE.

THEY PROMISED US DATA BASED ON MATHEMATICAL MODELS DEVELOPED BY THE DEPARTMENT OF DEFENCE AND THE PROJECT CONTINUED. IT WAS MORE SUCCESSFUL THAN WE HAD DARED TO HOPE, A STREAM OF HIGH QUALITY DATA FILLED THE TEMP BANK AND THE ALGORITHM BEGAN TO SPOT REAL WORLD EXAMPLES THAT CLOSELY MATCHED THE TEMPLATES. OF COURSE A LOT OF THAT WAS JUST CHATTER, THERE IS A WORLD OF DIFFERENCE BETWEEN DISCUSSING AND CARRYING OUT AN ATTACK AND NO SECURITY SERVICE CAN INVESTIGATE EVERY DELUDED FANTASY ONLINE IN ORDER TO FIND THE ONE REAL PLOT. DYNAMIX WERE EXCITED BY WHAT WE HAD ACHIEVED BUT AS THE RESULTS ROLLED IN THEY DEMANDED MORE ACCURACY AND FOR THAT WE NEEDED MUCH BETTER DATA. THE SYNDICATE WERE HAPPY TO OBLIGE, AND THAT IS WHEN I REALISED THE HOW FAR THEY WERE PREPARED TO GO.

I TRIED TO CONVINCE MYSELF THAT THE SYNDICATE HAD ACCESS TO A LARGE DATABASE OF EXISTING COMMUNICATIONS THAT THEY WERE USING TO EXTRACT BEHAVIOURAL TEMPLATES, BUT THE MORE I THOUGHT ABOUT IT THE MORE UNLIKELY IT SEEMED. OUR SOFTWARE WAS SEEING REAL WORLD ATTACK PATTERNS THAT WERE SUSPICIOUSLY SIMILAR, ALMOST CHOREOGRAPHED AND I BEGAN TO WONDER IF THE PDS SYNDICATE WERE NOT JUST TRACKING TERRORIST ACTIVITY, BUT WERE ENCOURAGING IT AMONG GROUPS THAT THEY HAD PENETRATED IN ORDER TO BUILD AN ENCYCLOPAEDIA OF BEHAVIOURAL TEMPLATES THAT COULD BE USED TO SPOT FUTURE ATTACKS BEFORE THEY HAPPENED.

THE SYNDICATE HAD AN ACHILLES HEEL. IT WAS NOT POSSIBLE TO COORDINATE THEIR RESEARCH PROGRAMME WITHOUT LEAVING THEIR OWN DIGITAL FOOTPRINT. MARTIN AND I REFOCUSED OUR EFFORTS ON TRACKING THEM DOWN AND FOUND ALL THE EVIDENCE WE NEEDED. BUT THEY WERE THE EXPERTS NOT US, AND WE MUST HAVE TRIGGERED AN ALARM SOMEWHERE.

THEY GAVE US ONE CHOICE. MY DEATH WAS NOW INEVITABLE; THE ONLY QUESTION WAS WHETHER OR NOT IT WOULD BE FAKED. ONCE I WAS OFFICIALLY DEAD I WOULD HAVE NO PROTECTION, BUT WE WERE VALUABLE TO THEM AND THAT WAS THE KEY TO OUR SURVIVAL.

I NEVER KNEW THE NAME OF THE GIRL THEY USED TO FAKE MY SUICIDE, BUT THEY DID ASSURE ME THAT SHE HAD DIED OF NATURAL CAUSES. I HOPE THAT MUCH WAS TRUE.

THE SYNDICATE WERE THE REAL EXPERTS IN ESPIONAGE, BUT MARTIN AND I HAD THE EDGE IN CODING. THEY WATCHED US CAREFULLY BUT WE MANAGED TO PLANT A VIRUS IN THE DATABASE ENGINE AND IT WILL HAVE BEEN TRIGGERED LONG BEFORE YOU READ THIS. IT IS DESIGNED TO INFECT EVERY COPY OF OUR ALGORITHM AND TO ENCRYPT CRUCIAL ELEMENTS OF THE CODE, RENDERING IT UNUSABLE. WE LEARNED A LOT FROM STUDYING STUXNET AND THE TEMP BANK WILL SUFFER THE SAME FATE AS THE IRANIAN CENTRIFUGES NOW THE VIRUS IS RELEASED.

WE CONVINCED THE SYNDICATE TO FUND A HACKER COLLECTIVE IN NORWAY AND TO ALLOW MARTIN TO WORK THERE UNDERCOVER. AS FAR AS THEY WERE CONCERNED HE WILL BE HARVESTING BASELINE DATA FOR NOISE FILTERING IN SOCIAL MEDIA TRAFFIC, BUT HE WILL BE DISTRIBUTING THIS FILE AND THE VIRUS TO AS MANY SERVERS AS HE CAN WITHOUT ALERTING THEM. MARTIN IS GOOD AT THIS. HE HAS ALREADY HACKED A NUMBER OF BACK UP COMPANY AND APP SERVERS AND USED THEM AS A DISTRIBUTION MECHANISM. WE HAVE ALSO BEEN LEAVING A TRAIL FOR THE INTELLIGENCE SERVICES. WE HAVE NO REASON TO BELIEVE THE GOVERNMENTS ARE CONNECTED WITH THIS, AND EVERY REASON TO BELIEVE THEY MAY BE OUR BEST HOPE OF STOPPING THEM.

ARE WE SAFE? PROBABLY NOT OR THIS INSURANCE POLICY WOULD HAVE REMAINED JUST THAT. WE MIGHT BE ON THE RUN THOUGH, UNABLE TO TRIGGER THE DEAD MAN SWITCH THAT WAS KEEPING THESE FILES SAFE. WE DO NOT PLAN ON GIVING UP, AND WE URGE YOU NOT TO EITHER.