

Barry's Post Quantum Cryptography

By

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BARRYS SCIENTIFIC BASED
PRODUCTS

Introduction

Welcome and Thank you for viewing this work ! I would like to begin by breaking this Scientific Work down into three phases. The first phase of this work will introduce the 8192 and the algorithm used. To make this work according to definition for a Post Quantum Cryptography system is it must use an well known algorithm. The Post Quantum keys used for this system will be unique and different. Quantum bits are created through a photon beam splitter as stated by Wikipedia. This technology will be used to create the keys to unlock the 8192 Quantum System. I will be creating a double tunnel protocol to insure that messages can be safely encrypted and decrypted with the Quantum keys-Private. The amount of bits needed to produce a 8192 will be $262,144 \text{ bits} / 32$ producing 8192 Characters. I will be adding additional Data protection by masking the following 1 character =256. This means for every one character 256 are produced to mask the character being transmitted. I will also add a virtual system where 1 character = 1 Universe for a total of 128. The first phase will be building the 8192 System. The next phase or next work will be building the Quantum Keys. You may ask the standard system used or top of the line is 4096. I have built based on experience 8192 keys, Certificates, file systems and have installed 8192 Certificates on browsers so this is a workable solution. This maybe a possible way to prevent Quantum attacks on Networks by blending in well known Algorithms a with new technology to produce keys to decrypt messages.

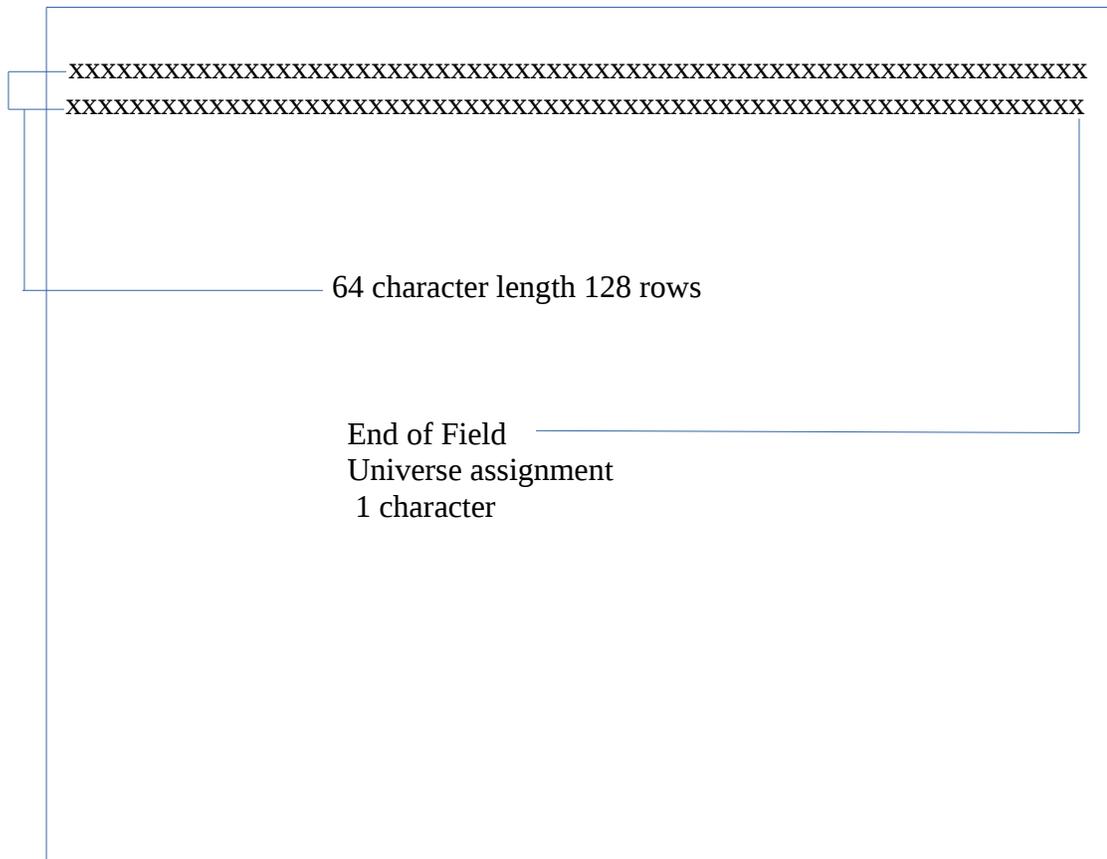
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Post Quantum Cryptography Specifications

The matrix for the 8192 date block is the following 8192/64 length producing 128 rows. One character assigned for a Universe

8192 Data Block



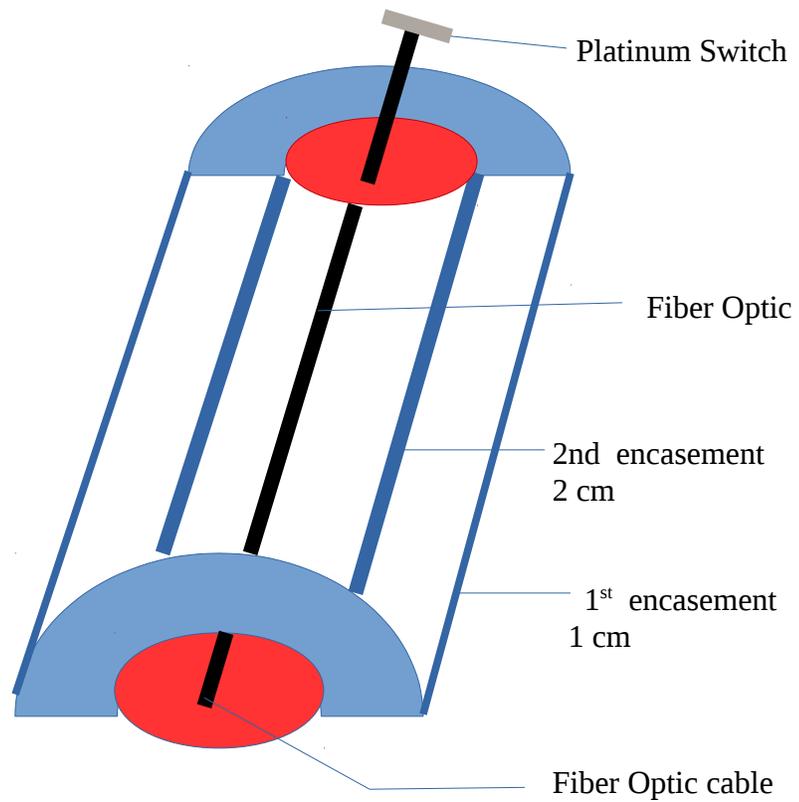
The 128 rows are assigned assigned a Universe character end of the 64 character field. This universe is accessed by the Quantum key private to be built in the next copyright. The Quantum Key accesses this Universal Character in random fashion making it possible for the quantum key to utilize 128 rows of 64 characters. I will now turn my attention to the overall specs. This system produces $262,144 / 32$ producing 8192 Characters. This means 32 bits equals 1 character. If I want to mask one character it would be 256 per 1 character also this can be used for the Universal character being masked behind 256 character. This would make this type of system uncrackable when sending the block of data, I can produce 32 characters with this type of model. The probability of uncracking the mask is very slight or next to nothing. If you will notice, I have placed in the 64 character field one character for Universal assignment that produces 63 for real data transmitting. The Universal assignment or character assignment can be 1 through 128 numbers or a combination of alphabet and number A – Z; 27 -128. I will now introduce the two layered tunnel system in the next chapter.

Chapter 2

Two tunnel layered system

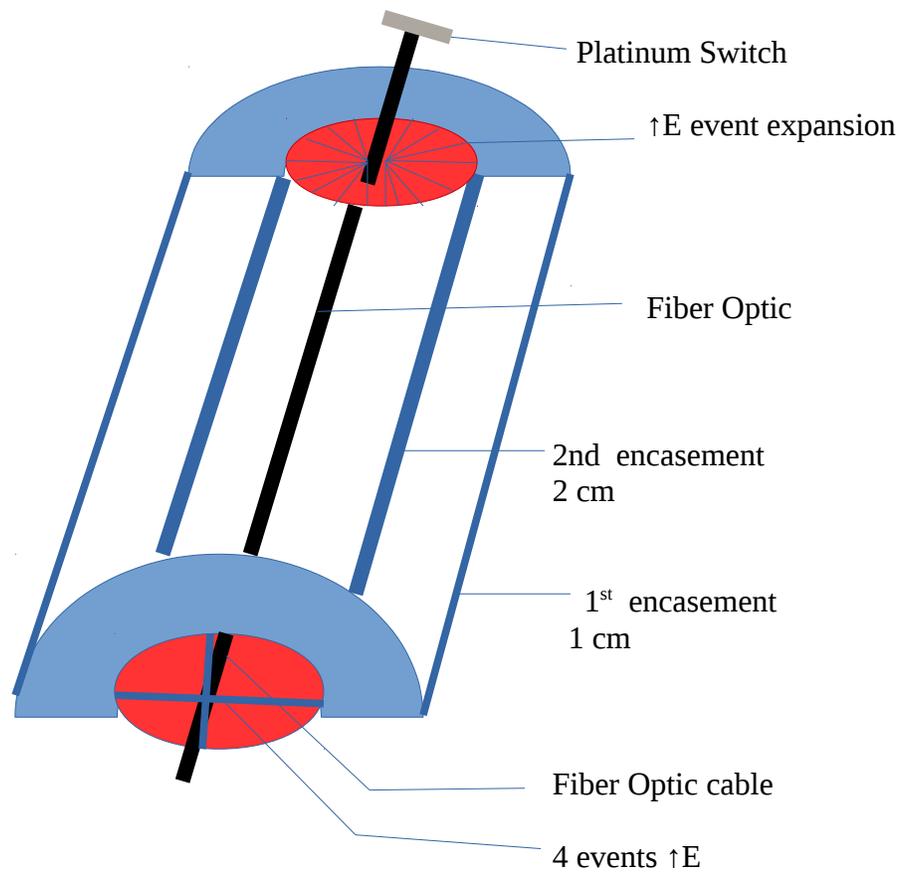
I will now create a two tunnel layered protocol to insure data is transmitted in the safest and secured way. I have used tunnel layered systems in IPV6 but I wanted to add the additional layer creating a double layered tunnel protocol.

Visual Aide 1-A



I will now create a two tunnel layered protocol to insure data is transmitted in the safest and securest way. I have used tunnel layered systems in IPV6 but I wanted to add the additional layer creating a double layered tunnel and event expansion through dimensional tunnels.

Visual aide 2-A



The Fiber Optic Cable is encased twice to protect it from any variable. This is the Hardware portion of this design. In phase two, This will be built upon adding the protocols to allow this to transmit data safely and securely. The communication protocol I will use is 8192 /512 equals 16. The reason for this is 4096 bits is transmitted using a communication protocol of 512 so this can be used for 8192 and another reason if I take $2 * 4^{\text{th}}$ power I can create a four dimensional space and counters the number 8 used in many science equations in constant form. The switch used is platinum metal because the melting point is 3200 degrees Fahrenheit and it is not so pricey to use this type of metal. I will now explore possible ways to use this to communicate by entangling the off and on switch in dimensional space next chapter. I have also added data strings that are used for Event expansion this will be covered in the next chapter along with the new Equation named **Barry Infinity Equality Equation**. The equation basically expands on the **Barry cosmological dynamic binary position** written several years ago. I would like to comment on the equation. The g variable gravity binding places limitations on this equation. The equation can be used within a system but outside of the system that is non gravity dependent it would not work. The equation can be used for time and spatial expansion through binary strings of data in dimensional space and be used for Infinite loops. In COBOL, if you make a mistake by not placing limitations or conditions on goto coding you create Infinite loops within a system that has limitations same principle in this equation that I proposed.

Chapter 3

Switch Entanglement

I will now create the Possibility of how the switch can be entangled. As discussed I will have to create 16 possibility using dimensional space. Please note this can be expanded as needed.

1 st Dimension	1 = on	0	= off
Entanglement	1 = off	0	= on

4 chances

2 nd dimension	1 = on 0= off {on}	0= off 1 = off
2 events 1 time line entangled	1 = off 0 = on {on}	0 = on 1 = off

4 Chances

3 rd dimension	1 = on 0 =off 1 = on {on}	0=off 1 =on 0=off
3 events 1 time line entangled	1= off 0 = on 1 = on {on}	0=on 1 = on 0 =on

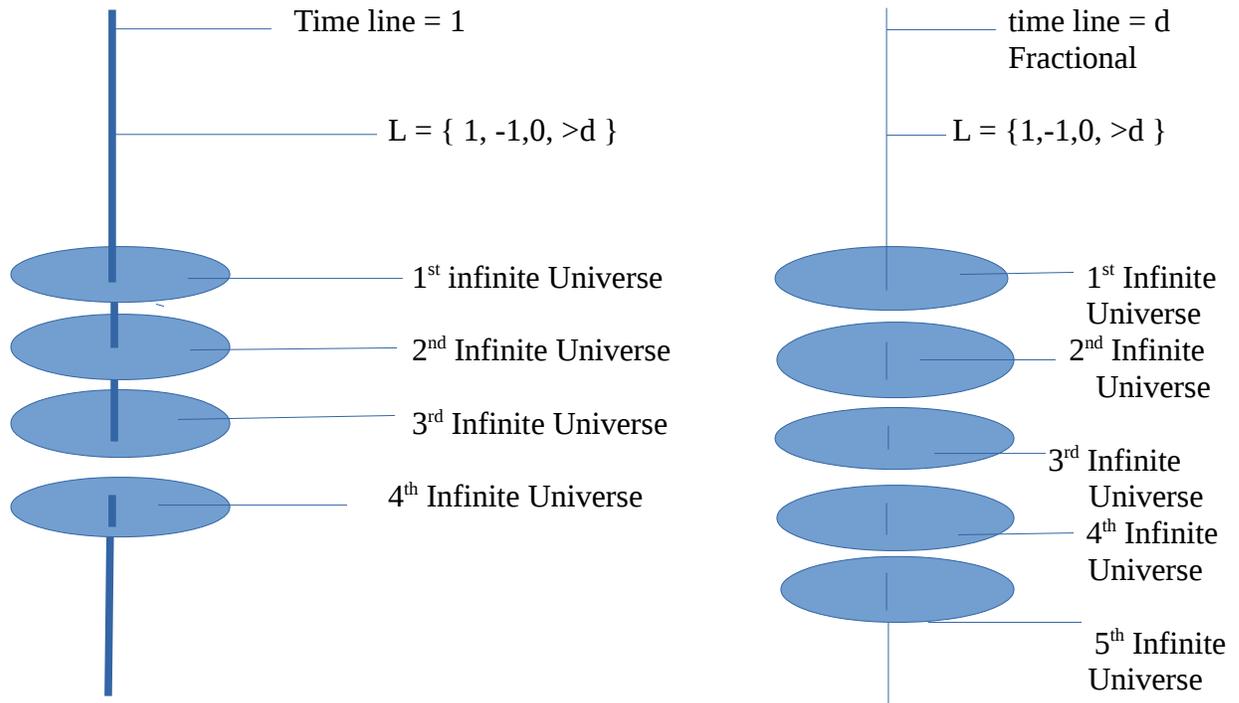
4 chances

4 th dimension	1 =on 0=off 1 =on 0=off	0=off 1 =on 1=on 0=off
4 events 1 time line entangled	1=off 0=on 1=off 1 =on	0=on 1 =off 1=off 1 = on

4 Chances

As you can see each dimension has 4 events nice and symmetrical but as you can see as more events are added on one time line it is not so symmetrical but asymmetrical each time line is expanding variables and possibility's. I have created a example so that those who insist on a constant state in science **have just been shown why they are just plain wrong.** The idea of $8\pi r^2 / G$ just does not work here either because I have 16 not 8. I can bind the quantum or qubits to Gravity but as far as $8\pi r^2$ should look more like $16\pi r^2 * \text{linear space}$ looks a little more workable as a example This is easily shown in the Martial Arts using Hyungs or Patterns executing circular blocks and straight punches different hands or events 1 time line. The correct way to write this type of equation should be a $\infty = (\uparrow E)L \pi r^2 * d/g$. This shows I am recognizing time and space as infinite within a subsystem that is binded by gravity recognizing both linear and Elliptic as Infinite not assigning a constant number but using subatomic particles that are expanding within our Universe and greater than the speed of light random variable. The $\uparrow E$ shows in the above example that the number 8 or 16 is being expanded by a string of events through sub atomic particles that are binded by gravity within our Universe. In this equation, I use both linear and Elliptic space. The L represent Linear space time {1, -1, 0, >d}. The L variable recognizes 1 = positive space time, -1 = negative space time, 0 = null or empty space, d = fractional space time basically anything greater than the speed of light example 2nd dimensional space.

Example 3-A



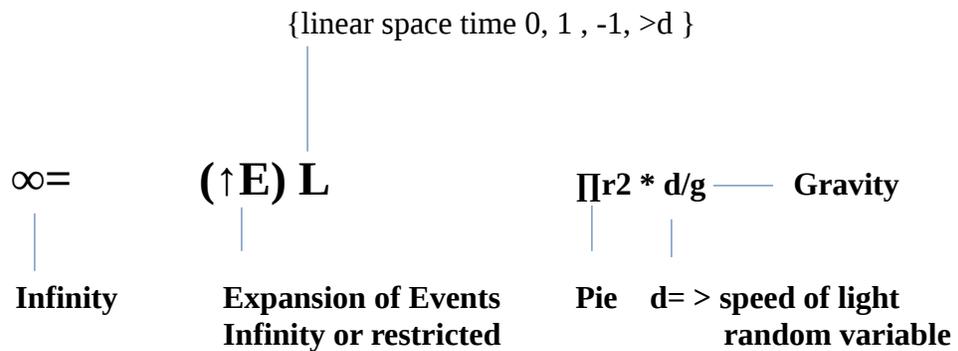
Chapter 4

Final Thoughts

I have completed the first initial steps in building a Post cryptographic system by using a 262,144 bit system using 8192 characters as a block of data. The communication protocol is 512 bits well known.

I have also created a double layered tunnel system that helps prevent system attacks also using a metal that has a melting point of 3200 degrees Fahrenheit. One of the key features here is expanding a time line of events in multiple dimensions this basically refutes constant form equations with assigned variables instead demonstrating dynamic energy that can either take the form of symmetry or asymmetry. I have also wrote a equation combining subatomic particles recognizing infinite time and space but is binded within our system. The Equation expands on the Barry Cosmological Dynamic Binary Position written several years ago.

Barry Infinity equality Equation



$$\infty = (\uparrow E)L \pi r^2 * d/g$$

Barry Infinity equality Equation

$$\infty = (\uparrow E)L \pi r^2 * d/g$$

The equation shows subatomic particles are infinite through expansion of events using a string of dimensional events multiplied by elliptic and linear space also recognizing fractional space time binded to gravity within our Universe. I would like to also note subatomic particles have been tested and found to exceed the speed of light so because of this fractional space time must be recognized in any serious equation. The L variable recognizes 1 = positive space time, -1 = negative space time, 0 = null space, d= fractional space time example you divide 372000 and 186000 depending on your calculator you arrive at .5 < 1. The variable π is a infinite symbol pie. The d = random variable anything greater than the speed of light example .5 = 372000, 1= 186000 .

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