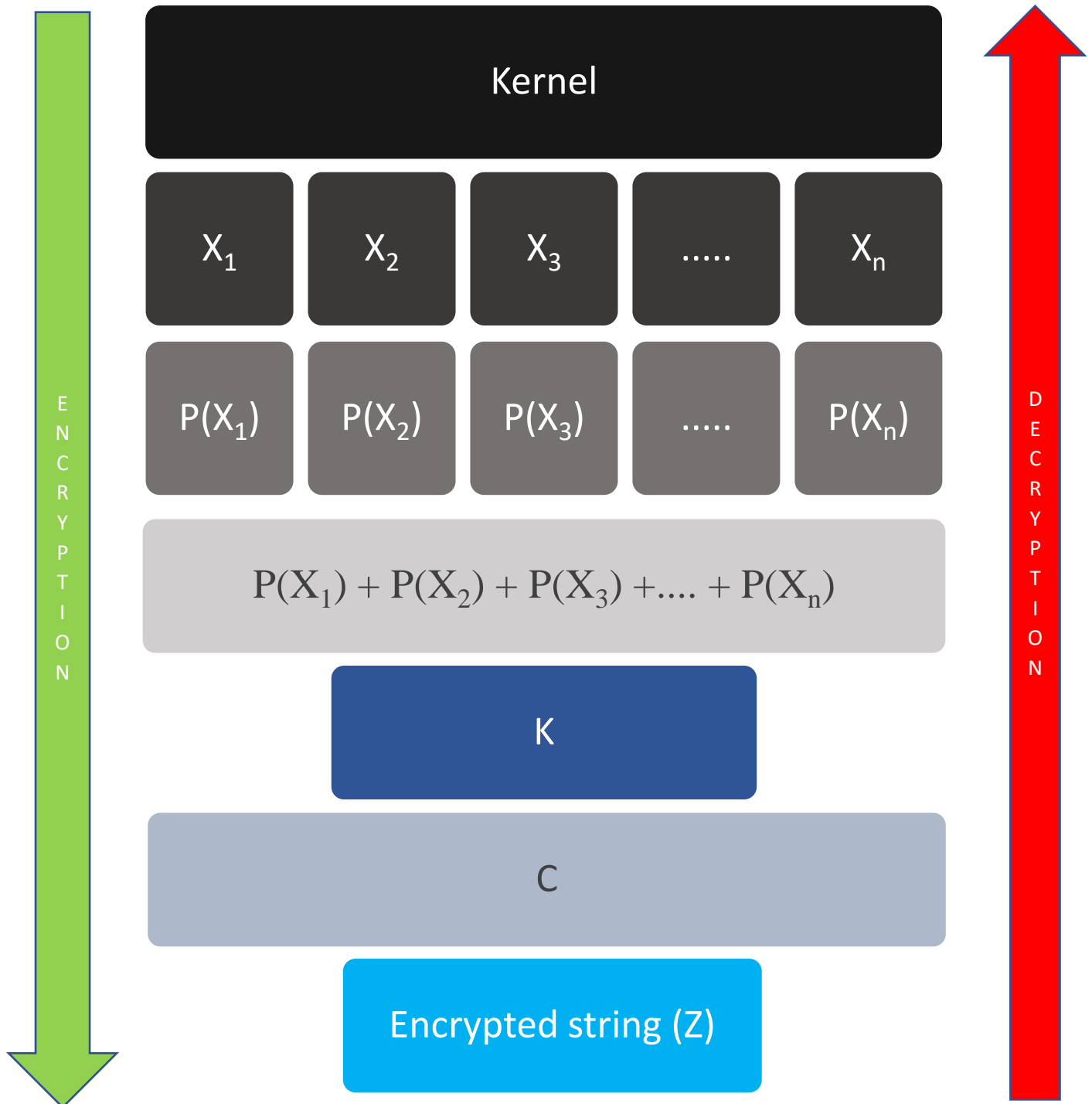


ARCHITECTURE (Draft 1) 9/4/19



Key

$n: 8 \leq n \leq 16$

C: 426609638937

$K = P(X_1) + P(X_2) + P(X_3) + \dots + P(X_n)$

Where $P(J)$ is the number of partitions of the number J

$Z = K + C$

(The largest number whose partitions have been calculated till 28 April 2016 is 10^{20} which has 11,140,086,260 digits in its result)**

Example 1

Password: _)0AvaN!

Character	Representation	Partition
_ (underscore)	1431	138032968084085429989744342641002104875
)	1420	95726696686332376146505918443171660625
0	1410	68550304756601011890673498202891728627
A	403	8091200276484465581
v	123	2552338241
a	76	9289091
N	424	28938037257084798150
!	27	3010

Sum (K)= 302309969527018818063952996823196388200 {39 Digits}

C = 426609638937 {12 Digits}

Z = K + C = 302309969527018818063952997249806027137 {39 Digits}

Example 2

Password: P{u!S\h"K.A[r3:)

Character	Representation	Partition
P	430	41415739207102358378
{	37	21637
u	122	2291320912
!	27	3010
S	433	49501890409405150715
\	1430	133523474368721196662101633251149823925
h	105	342325709
"	1411	70881739631740035679525259959146526016
K	421	24167053021441363961
.	24	1575
A	403	8091200276484465581
[40	37338
r	117	1327710076
3	1343	7096974610593182332652154711768629954
:	1423	105789511261048976512902596439531532566
)	1420	95726696686332376146505918443171660625

Sum (K)= 413018396558435767456863445723162931978 {39 Digits}

C = 426609638937 {12 Digits}

Z = K + C = 413018396558435767456863446149772570915 {39 Digits}

There exists **only one possible combination** of numbers through which we get the above result for 'Z'. It has 39 digits in total so for a computer to decrypt the password, it would have to calculate partitions of 'Z' i.e. in the **order of 10^{39}** which has not been done and will **take a lot of resources and time to decrypt to the second level** of our encryption. And in worst case scenario *(maybe in future when enough computational resources for the purpose are available)* if an intruder reaches layer 1, i.e. the representation layer it will rather turn out to be a **next to impossible** sort of task as **the kernel is arranged in a unique pattern**.