

5-18-2009

A modern use of technology, can provide a **superior education** for the masses, and solve the Educational morass, afflicting the United States today. Go to the Website , **Cifaldi, Carmine** at CIFALDI.ORG Click on **FILES** then Click on **TTEC 92** Page Update!

©1978 **The Ideal Educational System/Two Teachers in every Classroom (TTEC)**, teaches that **ALL** Students, [in like Classes], regardless of **race, color, creed or economic circumstance**), may be taught the **SAME LESSON** (approved by the State), at the **SAME TIME**, by the **SAMETEACHER (Master Teacher)**, previously vetted by the State!

Among many, many other attributes, contained in **TTEC**, are cost-saving functions, (non-educational productive expenses), such as **Telephone/Fax** costs. **Hewlett Packard [HP]** claims a **40 %** reduction of telephonic communications, in their like-network hookup).

NOTE: **HP** may qualify that network, as a **Telephone Company**, as permitted by the **Tele-Communications Act of 1997**, as **TAUGHT** by **TTEC**. Their system will **ACTUALLY** earn money for **Hewlett Packard**, (for **ALL** incoming telephonic calls, from other networks). Basically, that would effect, even more, of a cost reduction!

TTEC also may tie into the **World Wide Web**, at **NO** additional cost. **TTEC**, also provides **superior security** for the both Student **AND** the Teachers! Further, it has means to protect the school and its contents, **24** hours a day. This includes **Fire/ Police/Ambulance** notification, as well as successfully coping with **vandalism** problems! See **** Mini TTEC Webcam Use link at the end of this document.**

Provisions in **TTEC**, are also included to **encourage** and **provide**, (**hands-on**) experience, for children as young as **(10)** years old, in relation to the Television/Tele-Communications Industry! (see **Amy Rosen, Wemrock Brook School**, "**Pupils blend music, art, into special school show**"), compliments of **Google**, (**Link**), **at the end of this document!**

Last, but **NOT** least, according to officials of the **Philippine** Government, a **Chinese** company, aided and abetted by the **Chinese Government**, has recently (**August 2007**), installed a rudimentary system, in the **Philippines**, which is beginning to look like **TTEC!**

This is a **Five Hundred Million Dollar** installation of their system, entitled the "**Cyber Education Project**" (**CEP**). Although, **CEP** is **NOT** quite as versatile as **TTEC**, it is a good **first step**, towards achieving the Ideal Educational System (**Chinese-style**).

UPDATE: 2-27-09 **China** has installed a more modern version over **China** itself, which is also aimed at educating **their** masses, (as taught by **TTEC**) ! It is not only aimed at educating **their** masses, but now is also "**aimed at the teachers and immigrants to their country**".

Neither **Chinese** educational systems, can **EVER** be as effective as the **TTEC** system, because their system, is based on **geo-stationary satellite** communication while **TTEC** is disseminated thru **Co-axial** or **Fiber-Optic cable**. **BUT, IT IS A START!** To see **ALL** the advantages of **TTEC**-wired cable connections, see the main **TTEC** document as listed above, on CIFALDI.ORG .

The following, is my comparison/analysis, of the parallel benefits and/or differences, between the **(2)** systems, their **[C E P]**, and the **TTEC!**

1. **CEP PROMISES to unite far-flung areas of the Philippines! They will be taught by an expert teacher, in real-time**

TTEC PROMISED to tie together far-flung parts of the Dominican Republic, which will be taught, in real time, by an expert teacher, a Master Teacher.

2. CEP Teachers and pupils CAN interactively view and respond to Teachers

TTEC Teachers and pupils CAN interactively view and respond to teachers, plus the taping of all proceedings. Further, TTEC will provide the children with an opportunity to participate, in ALL phases of televising, which will provide “hands on” experience, for ALL pupils, as indicated Nov 8, 2006, in Wemrook Brook School in Manalapan, N.J.! This is exactly what TTEC promises. It is a valuable plus for the TTEC System. See the Link at the end of this document!

3. CEP delivers service via their Satellite.

TTEC delivers service via Fiber-Optic Cable, while also having the capability to receive Satellite transmissions. TTEC also provides local built-in Telephony, Security Services [Fire, Police. etc], with the same Fiber-optic network .

4. CEP is designed to cover almost ALL public schools in the Country

TTEC teaches that the linking of ALL schools in the Local System, and/or the whole State, is possible. ALL schools in the entire USA, may be linked together, to hear the President speak, [or some other momentous occasion]. That would be a natural progression, of a possible 4th stage, of development.

5. CEP will be transmitted over a dedicated system

TTEC will be transmitted over a School-owned dedicated system (line). Since that system would qualify as a “Telephone Company”, it would also provide cheaper incoming/outgoing, telephony/ fax calls. It will also produce income/revenue, from other Phone companies, which need to access the Schools network lines !

6. CEP will provide Internet Access

TTEC will provide Internet Access, as well as access to Local/National Radio/TV Stations and Public Information Channels.

7. CEP can uplift the quality of Education, says President Arroyo

TTEC can uplift the quality of Education, the Author of TTEC, told the Dominican Republic officials.

8. CEP will deliver, live broadcasts of content, lectures, and presentations from Teachers to 13,000,000 (minimum), students.

TTEC will deliver to Thousands/Hundreds of Thousands/Millions, of students, live broadcasts, content, lectures and presentations from Teachers. Lectures, to Hundreds of Thousand/Millions, of students, may be given simultaneously by world-noted persons, members of academia and elected /appointed Governmental officials.

9. CEP would provide each school with a multi-media classroom with a TV set, personal Computer(s), printer and satellite receiver. Each school will have (4) T.V. sets. There will be (12) channels, (1) for each grade. The “live broadcast”, will run for 15 to 20 minutes.

TTEC will provide each school, with a Multi-media Studio, and each class with a T.V. set, and T.V. camera, with as many channels as it wants/needs. Each school will have a Central control office AND a Security office , which is also tied into the system.

All like-classes will teach a complete lesson, each period . ALL like-classes, will be taught, selected subjects, [and tape-recorded], by “live broadcast”, (5) to (6) hours a day. Tapes, as well as BOOKS on CD's, will be

brought home for study and brought back the following day. Copies of the Tapes, will be made [lesson by lesson], culminating in a complete period of any particular subject. They may then be put in libraries, for study/ reference, for ALL people young and old.

Note: It is **NOT** clear, how all the channels via **CEP**, will be seen, **NOR** how or where, the students will sit, to receive the lesson(s). With only **(4)** T.V. sets per school, what subject could be taught, in **(15)** or **(20)** minutes ? **BUT, ... IT IS A BEGINNING !!**

10. CEP, (according to the National Economic and Development Authority [NEDA], provides, a way to address the lack of "competent teachers"

TTEC teaches/provides, "competent teachers", who are State-vetted, rated superior teachers, (Master Teachers).

11. CEP will be implemented over a (5) year time period, where it will finally reach 37,794 schools and 13,000,000 Students, [90 % of the Nation's Student population]. Philippine officials released these statistics, also.

TTEC, in a (5) year time period, will have the capability to link up ALL schools in the country, if and when, it is desired/needed. All Schools, no matter how small, will be linked up, so that 100 % of the Student population will be included.

This will be done with assistance from the Government(s). They will cover the original cost of installation, and the implementation thereof will be (aided by a number of Philanthropic Organizations, equipment donations, etc., I am sure) .

12. CEP looks to train 15,000 Teachers, to become superior in (1) subject only, School Education Director Lorenzo Mateo opines, "training those public schoolteachers, to become experts in a single subject, takes years and is costly".

TTEC teaches, that in the Philippines, it would train less than 1,000 public School Teachers, to become superior in (1) subject only. That is a basic premise of TTEC, for someone to become an expert (Master Teacher).

Example: TTEC, with an average of (32) students per class, and an average of (20) like -classes each system, being taught together, yields a ratio of approximately, (1) Master Teacher, to every (640) students. Now, under TTEC, you would only have to have about 400 Superior Teachers, which would be necessary, for the whole Philippine School System.

EXPLANATION: 256,618 students, divided by 640, reveals that only 400 Master Teachers are necessary!

If the average class size, was composed of (32) Students, you would of course need approx 8,000 Classroom, [Adjunct] Teacher's also. However, their only requirement, for the Classroom Teacher, would be a college degree, or some other equivalent, as approved and provided for, by the responsible Educational authorities.

13. CEP: For students, the project aims to deliver "quality education", Cyber Education Project Director, [CEP], Mr Lorenzo Mateo said, "it also aims for the "improvement of teacher's capability".

TTEC teaches, that it delivers "quality education", AND achieves "improvement of teacher's capability", [by the 2nd teacher], live, in the classroom. She/he, will strive eventually, to become a "MASTER TEACHER". This, of course, would also lead to higher pay, not to mention, increased prestige!

8-30-2007 NOTE: *The Chinese Government* is assisting its industries, as the *Japanese* did, (in the **1950's**), [*déjà vu*], as hereinbefore disclosed., **EXCEPT:** They are doing it **OPENLY**. The *Chinese Government*, will loan the *Philippine Government*, a “concessionary” loan, to implement *China's*, [*ZTE CORP*], end of the Agreement. What company in the world, could fairly compete with, that kind of arrangement ? !

WARNING TO THE U.S. GOVERNMENT: Since *China* **IS** the most populous country on earth, with the backing of the *Chinese* Government, you may expect the following: *China* will, [if it already has **NOT** done so], implement a **complete TTEC-like** Educational System, **before the United States does!**

They, have [**CIRCA 2005**], and are increasingly continuing to, **matriculate** more **Engineers/ Scientists**, than that of the **U.S.**, or of **ANY other** nation. This alone, **portends dire warnings**, to the **U.S.**, the **freeworld**, (**reminiscent of Japan in 1938**).

KHRUSHCHEV, promised outright, to “**bury the United States**”. Because of that threat, the **U.S. Government**, was warned and “**spent**”, the **Communist** system into oblivion, [via the **Arm's Race**].

The biggest **problems** the *Chinese* face, are the **lack of infrastructure**, **high-speed roads & rail lines**, **electricity**, [as well as the generation of same], as exemplified and accomplished by the **U. S.** Generally speaking, I would have included **EDUCATING THE MASSES!** Obviously, **they know that also!**

Note: The *Chinese* have just installed (**2008**), an (**800**) kilovolt **SUPERIOR**, High Voltage Direct Current (**HVDC**) Electricity-delivery system. The *Chinese* system services **Thirty-one Million** people. It will carry (**3**) times more power, than the **Quebec to New England** lines (**920**) mile link, which was built in **1990**.

The *Philippine*, arrangement, indicates the *Chinese* are well on the way towards solving that universal Educational problem. I am sure they are working on those other shortcomings, **WITH OUR DOLLARS!** **[NOW]!**

I am afraid, we can NOT “SPEND” our way out of this one! Remember: CHINA is the Country ... that built the Great Wall, WITHOUT, modern equipment! Our Grand-children, & their children, are depending on us TODAY ... to protect them, for TOMORROW, and for their, life time!

For (**4**) other systems, resembling **MINI-TTECs**, see the following links:

1. Mini-TTEC - Wemrock Brook School

<http://www.cifaldi.org/files/Wemrock%20Brook%20Mini-TTEC.pdf>

2. Mini-TTEC /West Texas A&M

<http://www.cifaldi.org/files/W%20Texas%20TTEC%20mini.pdf>

3. Mini-TTEC Haledon, N.J.

<http://www.cifaldi.org/files/Mini-TTEC%20Haledon,%20New%20Jersey%203-12-09.pdf>

4. ** Mini-TTEC Use Webcam Catches Burglars **

<http://www.cifaldi.org/files/Mini-TTEC%20Webcam%20article%20use%20+%20Newspaper%20April%202009.pdf>

Original 92 Page Update

<http://www.cifaldi.org/files/TTEC%2092%20PAGE%20UPDATE%202-13-09.pdf>