

# Информационное общество

«Чудны дела твои, Господи»



Кто владеет информацией, тот владеет миром



# Информационные процессы:

1. Сбор
2. Хранение
3. Обработка
4. Передача

**Информационные революции** – радикальные изменения связанные с информационными процессами.



**Индустриальное общество** - общество в котором большинство работающего населения занято производством материального продукта.



**Информатизация общества** - организованный социально-экономический и научно-технический процесс создания условий для удовлетворения информационных потребностей и прав граждан, органов власти и организаций.

# Информационное общество

производство,

хранение,

обработка,

реализация информации

информационные и телекоммуникационные средства,

доступ к библиотекам и др. информации,

скорость вычисления и обработка любой информации,

моделирование событий, процессов, явлений,

автоматизация обучения и т. д

# WHAT MAY HAPPEN IN THE NEXT HUNDRED YEARS

By JOHN ELFRETH WATKINS, JR.



THE prophets will seem strange, almost impossible. Yet they have come from the most learned and conservative minds in America. To the wisest and most careful men in our greatest institutions of science and learning I have gone, asking each in his turn to forecast for me what, in his opinion, will have been brought to his own field of investigation before the dawn of 2001—a century from now. These epigrams I have carefully translated.

**Five Hundred Million People.** There will probably be four hundred million to five hundred million people in America and its possessions by the time of another century. Niagara will sink for attention to one of the triumphs of the great canal. Mexico will be next. Europe, seeking more territory to the south of us, will cause many of the South and Central American republics to be rolled into the Union by their own people.

The American will be taller by four, five to ten inches. His increase of stature will result from better health, due to vast reforms in medicine, sanitation, food and athletics. He will live fifty years instead of thirty-five as at present—for he will reside in the suburbs. The city town will practically be no more. Building in blocks will be illegal. The trip from Manhattan to the suburbs will require a few minutes only. A penny will pay the fare.

There will be No C, K or Q in our everyday alphabet. They will be abandoned because unnecessary. Spelling by sound will have been adopted, first by the newspapers. English will be a language of combined words representing condensed ideas, and will be more extensively spoken than any other. Names will rank words.

**Trains One Hundred and Fifty Miles an Hour.** Trains will run two miles a minute, usually; a dozen trains one hundred and fifty miles an hour. To go from New York to San Francisco will take a day and a night by hot express. There will be cigar-shaped electric locomotives taking long hours of rest. Cars will, like houses, be artificially cooled. Along the railroad there will be no smoke, no cinders, because coal will neither be carried nor burned. There will be no smoke or soot. Passengers will travel through hot or chilly country regions with windows down.

**Automobiles will be Cheaper than Horses are today.** Horses will own automobile luxuries, automobile truck-wagons, planes, bicycles and bicycles. A new postal motor in one of these vehicles will do the work of a pair of horses or more. Children will ride on automobile-like skids in winter. Automobiles will have been standardized for every home vehicle now known. There will be, as already exist to-day, automobile houses, automobile police, automobile ambulances, automobile street sweepers. The horse in harness will be as scarce, if he exist, not even so scarce, then as the yoked ox is to-day.

**Everybody will Walk Ten Miles.** Gymnastics will begin in the nursery, where boys and girls will be taught to strengthen the muscles. Rhythmic will be compulsory in the schools. Daily school, college and community will have a complete gymnasium. All cities will have public gymnasiums. A man of woman unable to walk ten miles at a stretch will be regarded as a weakling.

**To England in Two Days.** Fast electric ships, crossing the ocean at more than a mile a minute, will go from New York to Liverpool in two days. The water of these ships will be taken above the waves. They will be supported upon waves, somewhat like those of the slough. These waves will be very narrow. Upon their surface will be aqueducts carrying jets of air. In this way a jet of air

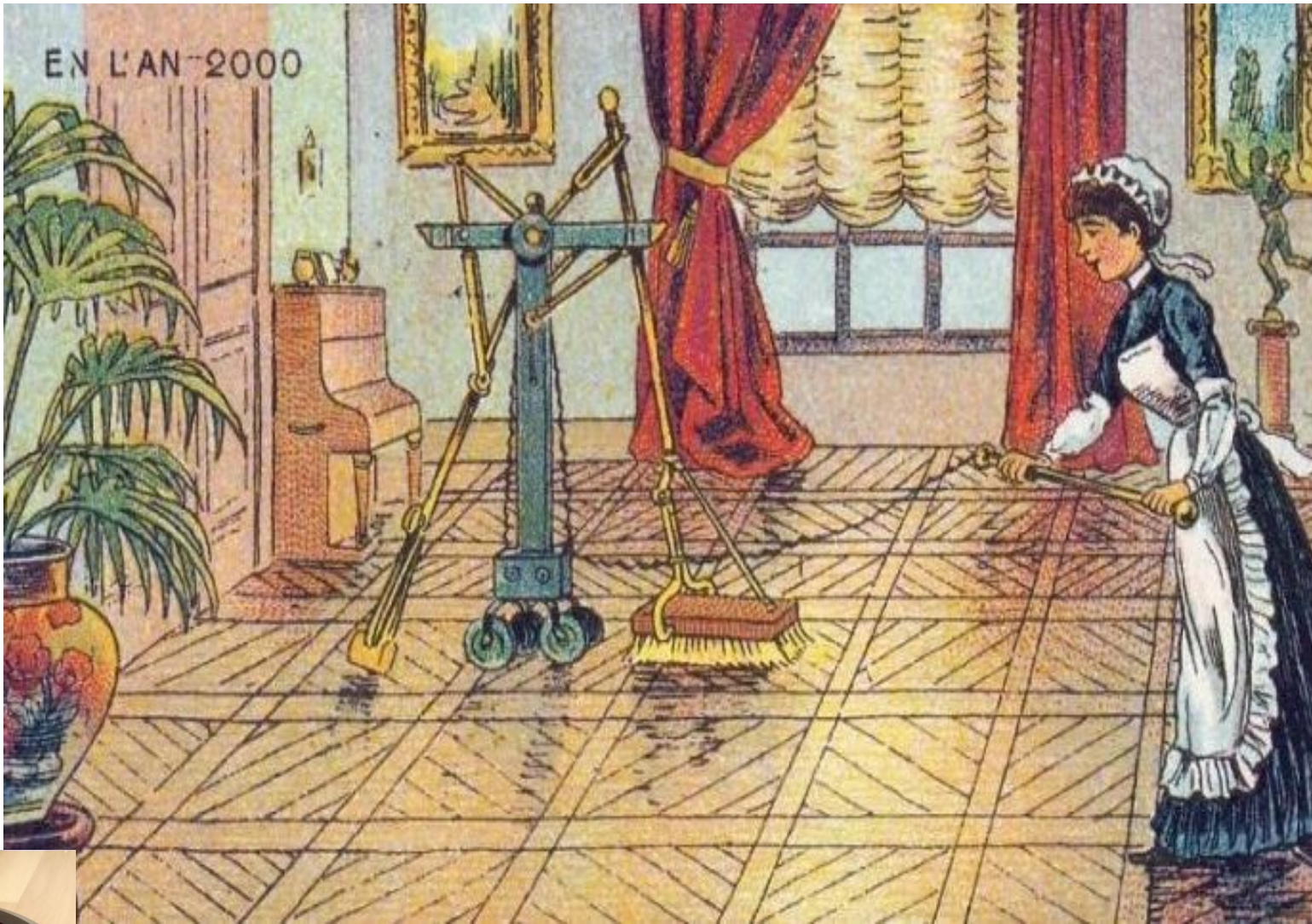
Grand Opera will be telephoned to private homes, and will sound as harmonious as though enjoyed from a theater box. Authentic instruments, reproducing original instruments will bring the best music to the parlors of the aristocrat. Great musicians gathered in one orchestra in New York will, by manipulating electric keys, produce at the same time music from instruments arranged in theaters or halls in San Francisco or New Orleans, for instance. There will great bands and orchestras give long-distance concerts. In great cities there will be public orchestras whose suggestions and requests are paid from funds advanced by philanthropists and by the government. The plan will be capable of changing its laws from cheerful to sad. Many devices will add to the emotional effect of music.

**How Children will be Taught.** A technical education will be free to every man and woman. Several great national universities will have been established. Children will study a single English grammar adapted to simplified English, and not copied after the Latin. There will be no more grammar-like studies. Free studies will be given the child, but a fitting and best books a selection and actually made to meet their school and study expenses. Medical inspectors regularly visiting the public schools will check poor children free eye-glasses, free dentistry and free medical attention of every kind. The very poor will, when necessary, get free clothes and free school and free books between students. In various times poor children will be taken on trips to various parts of the world. Diagnostics and bookkeeping will be important studies in the public schools.

**Street Packages by Tube.** The street tubes, instead of street signs, will deliver packages and handles. These tubes will collect, deliver and transport mail over certain distances, perhaps by hundreds of miles. They will at first connect with the private houses of the wealthy; then with all houses. Great business establishments will

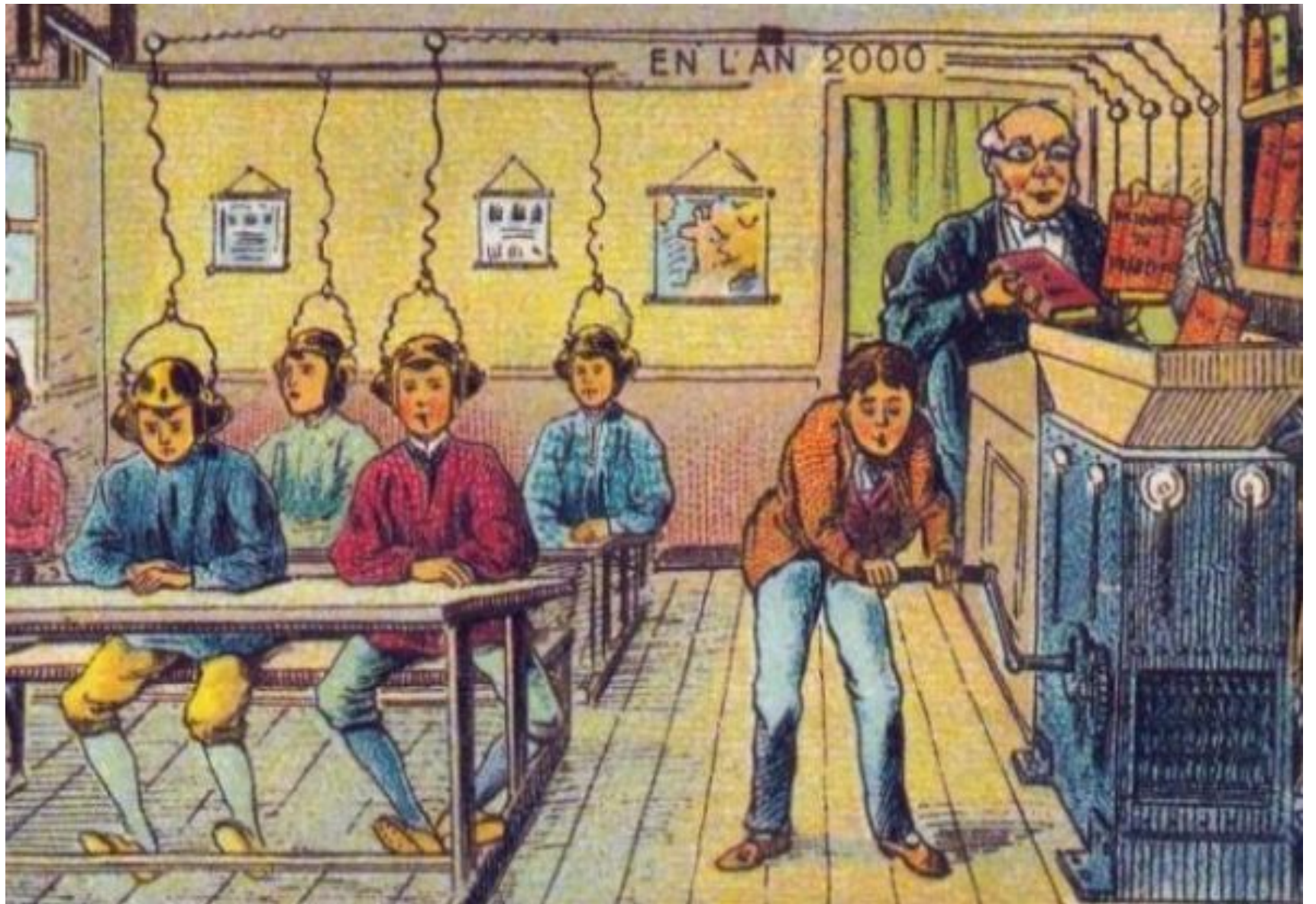
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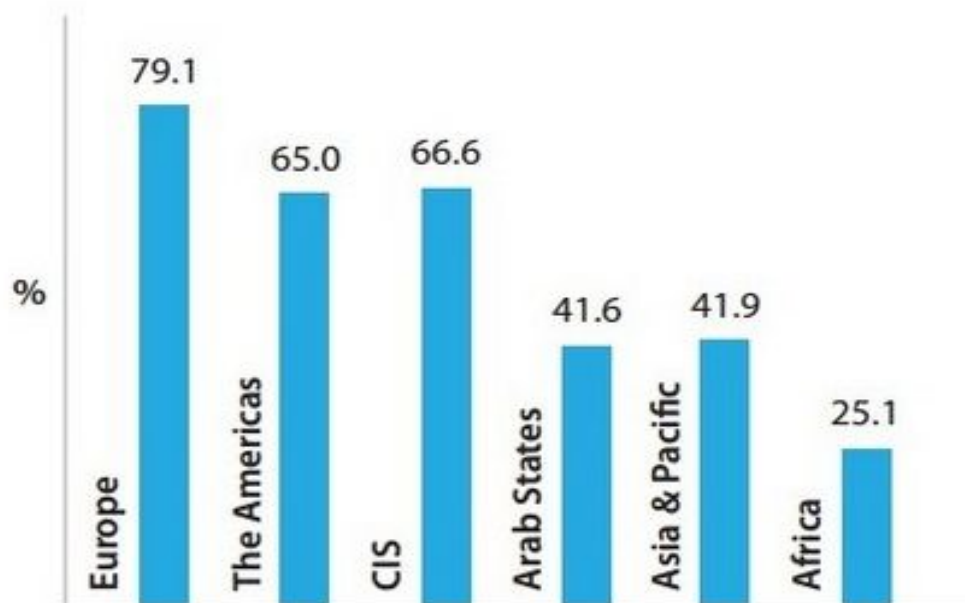


## Доклад ООН Global Broadband Progress от 18.09.2017

количество пользователей интернета в мире - 3,58 миллиарда человек:

- в развивающиеся странах – 2,5 миллиарда пользователей,
- в развитых странах – 1 миллиард.

Процент лиц, использующих Интернет (2016 год)



## ПРОНИКНОВЕНИЕ ИНТЕРНЕТА В РОССИИ



**84** миллиона человек в возрасте от 16 лет и старше являются пользователями Интернета в России



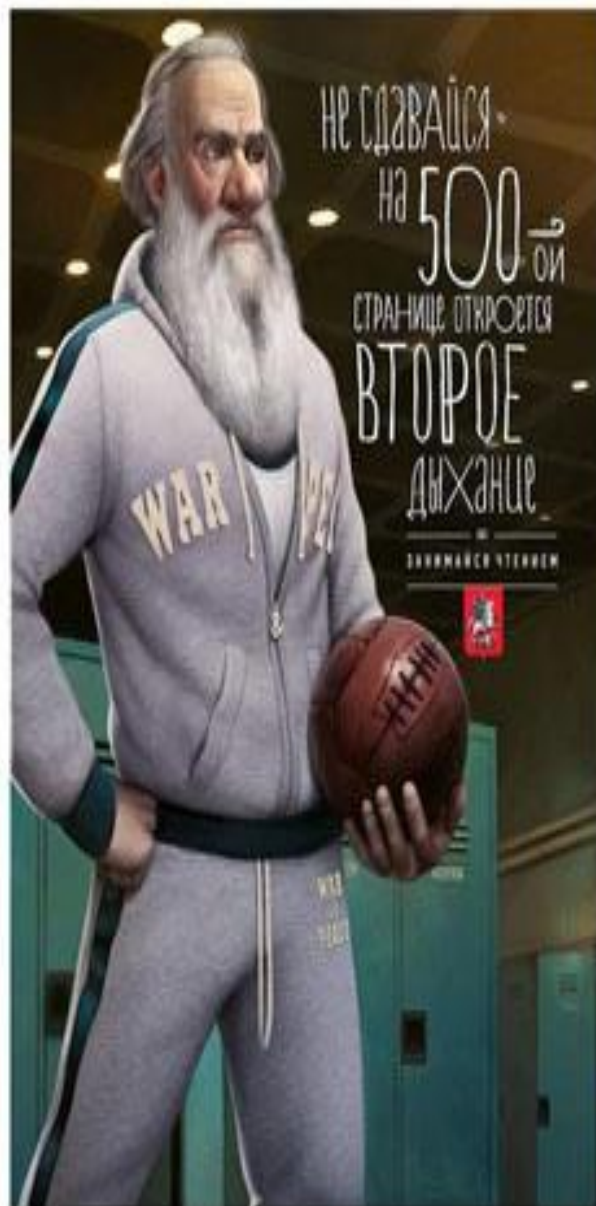
Источник: Омнибус GfK, 2016, вся Россия 16+

© GfK 2017 | Проникновение Интернета в России: Итоги 2016 года | Январь 2017

# Плюсы информационного общества

- доступ к информации;
- общение;
- работа online;
- самообразование;
- интернет-магазины;
- элементы умного дома;
- информационная экономика.







1: - Черт, с 5 лет за компом, и только сегодня понял, что страницы в инете моно прокручивать пробелом...

2: - Ооооо.... Я 20 лет админю, еще на Искрах начинал. И тоже тока сегодня узнал. Нас таких много?

3: - Прикинь я тоже тока что узнал, аж офигел!!!!

4: - Такаяже! опа, а shift- пробел в обратную сторону

5: -... 10 лет за компом сижусь... я в ауте

